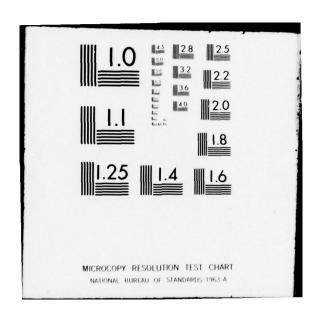
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) KEFLAVIK--ETC(U) AD-A060 607 **JUL 78** UNCLASSIFIED NL | OF 4 AD A060607



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SECURITY CLASSIFICATION OF THIS PAGE (Manufacture Luty	und:	
REPORT DOCUMENTATION PA	GE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 2. (	SOUT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
Summary of Meteorological Observation (SMOS) Keflavik, Iceland	ons, Surface	5. TYPE OF REPORT & PERIOD COVERED Reference report 1949-1977 6. PERFORMING ORG. REPORT NUMBER
Naval Weather Service Detachment Asheville, N. C. 28801		8. CONTRACT OR GRANT NUMBER(*)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N. C. 28801		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
Director, Naval Oceanography and Me National Space Technology Laborator	teorology ies	12. REPORT DATE JULY 1978  13. NUMBER OF PAGES
NSTL Station, MS 39529 14. MONITORING AGENCY NAME & ADDRESS(II dillorent fro	om Controlling Office)	15. SECURITY CLASS. (of this report)  Unclassified
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Approved for public release; distrib		UNANNOUNCED JUSTIFICATION  M Roport)  BY  DISTRIBUTION/AVAILABILITY CODES
18. SUPPLEMENTARY NOTES	·	Dist. A/AIL and/or SPECIAL
19. KEY WORDS (Continue on reverse aide It necessary and le Climatology, surface wind, temperate relative humidity, station pressure daily temperature, weather condition facility, coastal region, snow depti	ure, precipita, extreme temporare, monthly cl	tion, ceiling, visibility, eratures, sea level pressure, imatology, Naval shore
This data report consists of a six weather observations. The six parts Atmospheric Phenomena, Part B - Presurface Winds, Part D - Ceiling ve Psychrometric Summaries, Part F - Summaries,	part statistic s are: Part A cipitation/Sno rsus Visibilit	- Weather Conditions/ wfall/Snow Depth, Part C - y/Sky Cover, Part E -

16201	STATION NO ON SUMMARY  16201	STATION NAWE Keflavik, Iceland		LATITUDE 63°	N.85	LONGITUDE. 22°35°W	169 1169	BIKF	04018	18 18
		STATION LOCATION AND INSTRUMENTATION HISTORY	∢   Z	NDN	STRUA	AENTA	TION H	STOR	_	
NUMBER OF SARQ			TYPE	AT THIS LOCATION	NOIL	, ATITIOS	301110401	ELEVATION ABOVE MSL	BOVE WSL	288
LOCATION		פער מיי איי איי איי איי איי איי איי איי איי	STATION	FROM	10		רחשפון חסב	FEET	TYPE BAROWETER	DAY
*1.	Observat	Observation tower	Navy	1961	1964	63°58'N	22°35'W	164	Tonnelot	24
2.	Forecast office, Operations buildi	Forecast office, second deck Operations building	:	1964	1976		=	176	=	24
la.	Building	Building T 50 Radiosonde site	=	1967		=	=	129	Aneroid	2
2a.	Observat:	Observation tower, third deck Operations building	:	1976			=	193	Ε	24
C C				•						
NUMBER	DATE	SURFACE WIND EQUIPMENT INFORMATION	PWENT INFOR	MATION						
LUCATION	CHANGE	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDI	ITIONAL EQUIPMENT,	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR C-ANSE	9.5
*1.		3400' northwest of the center of the runway complex and 1 1/2 miles northwest of the observation tower	er of 2 miles n tower	AN/UMQ-5	RD-108	13'	S D	Station operated by U.S prior to October 1961. Barograph (marine) Ceiling light (ML-121)	y U.S. Air 1961. 2)	r Force
2.	1968	1450' S of center line of runway 12-30 and 750' E of center line of runway 03-21	inway Line	AN/UMQ-5C	C RD-108B	25.	3. Cloud he 4. Theodol: 5. Transmis 6. Radiosor 7. Radar (4)	Cloud height set (AN/G Theodolite (ML-247) Transmissometer (AN/GW Radiosonde (AN/GMD-1b) Radar (AN/FPS-81)	Cloud height set (AN/GMQ-13C) Theodolite (ML-247) Transmissometer (AN/GMQ-103) Radiosonde (AN/GMD-1b) Radar (AN/FPS-81)	30)
								vision (A	Weather vision (AN/GMQ-19V) Semi-auto met station (GMQ 14B) RVR (GMQ 10b) Surface Condition Analyzer (SCAN)	14B)

# SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

Ten years of data will be used as the standard period of record (POR).

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- All available data will be used for extreme values.
- Summarize (update) every five years.
- 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. will be included for extreme values.
- b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
- The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
- d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

The retention of these summaries will provide the most comprehensive climatological file Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prefor your station. pared in 1973.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.). comment: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".O". (This value indicates a percent less than ".O5," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

### PART A

### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- . By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility. may be reported in the same observation, the sums of the individual categories may exceed the percentage Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction

Percentages The total number of observations may vary among tables within the same month and period. may not always equal 100.0 due to rounding practices. NOTE:

### PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than pertotal columns.

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the "% Total" indicates percentage frequency (plus calm). Column totals show the number of observations. of occurrences.

KEFLAVIK, ICELAND 16201 STATION

73-77

YEARS

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PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	153	154	154	154	154	154	155	155		1233
% OF OBS WITH OBST TO VISION	9.5	4.0	4.8	90	11.7	1.6	11.6	10.3		7.6
DUST AND/OR SAND										
BLOWING	5.9	5.8	5.2	5.8	7.1	8.8	5,8	5.2		3.8
SMOKE AND/OR HAZE										
FOG	2.6	1.9	3.2	2.6	4.5	3.9	5.0	5.2		3.7
% OF OBS WITH PRECIP.	19.6	26.6	23.4	23.4	27.9	24.0	28.4	0		24.8
HAIL										
SNOW AND/OR SLEET	10.5	14.9	13.0	14.3	16.9	9.7	12,9	11.6		13.0
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	9.8	14.9	13.0	11.7	13.6	14.9	8	16.1		14.1
THUNDER- STORMS				4						•
HOURS (L.S.T.)	00	60	90	60	12	15	80	12		
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

BLOWING SMOKE AND/OR HAZE

500

% OF OBS WITH PRECIP.

HAIL

SNOW AND/OR SLEET

FREEZING RAIN & OR DRIZZLE

RAIN AND/OR DRIZZLE

THUNDER-STORMS

HOURS (L.S.T.)

MONTH

NO. OF OBS.

AND/OR SAND

4.3

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4.3

23.4

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2.1

32.6

16.3

17.0

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% OF OBS WITH OBST TO VISION

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27.7

9.2

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2.0 7.8

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YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

155	155	155	155	155	155	155	155				1240
12.9	4.	11.0	4.	4.7	6.1	11.0	15.5				10.8
1.9	1.3	4.5	4.5	3,2	9.	1.9	4.5				2.8
					•	¢.					
11.0	7.1	6.5	6.	6.3	4.	4.	11.0				7.9
32.3	28.4	29.7	25.8	26.5	25.8	29.7	25.2				27.9
12.9	10.3	4.0	7.7	4.	80	900	7.7				6.8
22.6	10.4	21.3	1.00.1	4 61	21.3	23.2	1.00				20.5
00	03	90	60	12	15	18	21				
HAR											TOTALS
	90 22.6 12.9 32.3 11.0 1.9 12.9	00 22.6 12.9 32.3 11.0 1.9 12.9 03 19.4 10.3 28.4 7.1 1.3 8.4	00     22.6     12.9     32.3     11.0     1.9     12.9       03     19.4     10.3     28.4     7.1     1.3     8.4       06     21.3     9.7     29.7     6.5     4.5     11.0	00     22.6     12.9     32.3     11.0     1.9     12.9       03     19.4     10.3     28.4     7.1     1.3     8.4       06     21.3     9.7     29.7     6.5     4.5     11.0       09     18.1     7.7     25.8     3.9     4.5     5.4	00     22.6     12.9     32.3     11.0     1.9     12.9       03     19.4     10.3     28.4     7.1     1.3     8.4       06     21.3     9.7     29.7     6.5     4.5     11.0       09     18.1     7.7     25.8     3.9     4.5     11.0       12     19.4     8.4     26.5     6.5     3.2     9.7	00     22.6     12.9     32.3     11.0     1.9     12.9       03     19.4     10.3     28.4     7.1     1.3     8.4       06     21.3     9.7     29.7     6.5     4.5     11.0       09     18.1     7.7     25.8     3.9     4.5     11.0       12     19.4     8.4     26.5     6.5     3.2     9.7       15     21.3     5.8     25.8     8.4     .6     .6     .6     9.7	00     22.6     12.9     32.3     11.0     1.9     32.3     11.0     12.9       03     19.4     10.3     28.4     7.1     1.3     8.4       06     21.3     9.7     29.7     4.5     11.0       09     18.1     7.7     25.8     3.9     4.5     11.0       12     19.4     8.4     26.5     6.5     3.2     9.7       15     21.3     5.8     25.8     8.4     .6     1.9     11.0       16     23.2     8.4     29.7     8.4     .6     1.9     11.0	00       22.6       12.9       32.3       11.0       10.3       28.4       7.1       1.3       8.4         06       21.3       9.7       29.7       6.5       4.5       11.0         09       21.3       9.7       29.7       6.5       4.5       11.0         12       19.4       8.4       26.5       6.5       3.2       9.7         15       21.3       5.8       25.8       8.4       .6       .6       9.7         18       23.2       8.4       .6       .6       .6       9.7         21       18.7       7.7       25.2       11.0       4.5       11.0         21       18.7       7.7       25.2       11.0       4.5       15.5	00     22.6     12.9     32.3     11.0     1.9     12.9       03     19.4     10.3     28.4     7.1     1.3     8.4       06     21.3     9.7     29.7     6.5     4.5     11.0       09     18.1     7.7     25.8     3.9     4.5     11.0       12     19.4     8.4     26.5     6.5     3.2     9.7       15     21.3     5.8     25.8     8.4     .6     .6     9.7       21     18.7     7.7     25.2     11.0     4.5     11.9     111.0       21     18.7     7.7     25.2     11.0     4.5     15.5	09 19.4 10.3 28.4 7.1 1.3 6.4 09 21.3 9.7 29.7 6.5 4.5 11.0 09 18.1 7.7 25.8 3.9 4.5 8.4 12 19.4 8.4 26.5 6.5 3.2 9.7 18 23.2 8.4 29.7 8.4 6 6.5 11.0 21 18.7 7.7 25.2 11.0 4.5 15.5	00 22.6 12.9 32.3 11.0 1.9 12.9 12.9 03 19.4 10.3 28.4 7.1 1.3 6.4 0.4 10.3 28.4 7.1 1.3 6.4 11.0 12 19.4 8.4 26.5 6.5 5.8 3.9 4.5 11.0 11.0 11.0 11.0 11.0 11.0 11.0 11

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KEFLAVIK, ICELAND

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150		1200
% OF OBS WITH OBST TO VISION	20.7	20.0	22.0	21.3	24.7	24.0	18.7	24.7		22,0
DUST AND/OR SAND										
BLOWING	1.3	.,	1.3		1.3					6.
SMOKE AND/OR HAZE					3,3	3.3	w.			1,3
FOG	19.3	19.3	20.7	20.7	20.7	20.0	15.3	23,3		19.0
% OF OBS WITH PRECIP.	32.0	24.7	25.3	25.3	23.3	22.0	20.7	24.7		24.8
HAIL										
SNOW AND/OR SLEET	5.	3.3	4.7	0.0	5.3	ter ter	6.7	6.7		5.4
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	25.3	22.0	21.3	19.3	E. C.	20.0	16.0	19.3		20.3
THUNDER- STORMS										
HOURS (L.S.T.)	00	03	90	60	12	15	18	12		
MONTH	APR									TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	7.6	5,2	7.7	7.1	7.7	5,2	7.1	40		7.3
DUST AND/OR SAND										
BLOWING					9.					1
SMOKE AND/OR HAZE	•	1.3		1.3	•		•	1.9		80
FOG	0.6	9.0	7.7	30	6.5	5.2	6.9	6.5		4.0
% OF OBS WITH PRECIP.	17.4	18.1	18,1	10.4	13.4	17.4	20.0	10.4		18.7
HAIL										
SNOW AND/OR SLEET	9.		Ф	60	3.2	1.3	9.	9.		1,3
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	16.8	18.1	17.4	16.1	16.8	17.4	20.6	18.7		17.71
THUNDER- STORMS										
HOURS (L.S.T.)	00	03	90	60	12	5	18	21		
MONTH	MAY									TOTALS

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TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150			1200
% OF OBS WITH OBST TO VISION	8.7	10.0	11,3	10.0	7.3	7.3	4.7	0.0			8.2
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE					.,						. 3
FOG	8.7	10.0	10.7	9.3	6.7	6.7	4.7	.3			8.
% OF OBS WITH PRECIP.	24.0	22.7	30.0	20.0	25.3	18.0	19.3	20.0	,		22.4
HAIL											
SNOW AND/OR SLEET								۲.			.2
FREEZING RAIN & OR DRIZZLE											
RAIN AND/OR DRIZZLE	24.0	22,7	29.3	20.0	25,3	18.0	19.3	19.3			25.2
THUNDER- STORMS								۲.			.1
HOURS (L.S.T.)	00	60	90	60	12	15	18	23			
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TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	19.4	19.4	16.8	15.5	11.6	11.6	11.0	16.1		15,2
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE			9.			9.				•2
500	19.4	19.4	16.1	15.5	11.6	11.0	11.0	16.1		24.4 15.0
% OF OBS WITH PRECIP.	23.9	26.5	29.7	25.2	23.2	20.6	21.9	24.5		24.4
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZIE	23.9	56.5	29.7	25.2	23.2	20.6	21.9	24.5		24.4
THUNDER- STORMS		9.		4			9			2
HOURS (L.S.T.)	00	03	90	60	12	15	18	21		
MONTH	10.									TOTALS

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YEARS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

					-				 	-
TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	14.2	14.2	14.2	13.5	0.6	11.0	14.2	14.2		13.1
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	1.3	1.9	1.3	1.3		9.	1,3	1.3		13
503	12.9	12.3	12.9	12.3	0.6	10.3	12.9	12.9		30.7 11.9
% OF OBS WITH PRECIP.	32.9	37.4	29.7	29.7	27,1	28.4	27.7	32.9		30.7
HAIL										
SNOW AND/OR SLEET		9.								-:
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	32.9	36.3	20.7	29.7	27.1	28.4	27.7	32.9		30.7
THUNDER- STORMS										
HOURS (L.S.T.)	00	03	90	60	12	15	18	2.1		
MONTH	AUG									TOTALS

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SEP

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

0 0 0 0 0 0

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
350	00		21,3				21,3	21,3 15,3	.,			16.0	150
	03		28.0				28.0	15,3	1.3			16.7	150
	90		24.0				24.0	15,3	1.3			16.7	150
	60		22.0		1.3		22.7	17.3	3.3			19.3	150
	12		19,3				19.3	14.7	3,3			16.0	150
	15		20.0				20.0	12.0	2.0			13,3	150
	18		22.0				22.0	15.3	2.7			16.7	150
	21		22.0				22.0	18.7	.,			19.3	150
TOTALS			22.3		~		22.4	22.4 15.5	1.9			16.8	1200

PRINTED BY THE STANDARD WEISTER COMPANY.

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0 0 0

16201 STATION

KEFLAVIK, ICELAND

73-77

UCT WONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

													TOTALS
		8											
15	7.7				7.7	4.82				28.4		12	
15	0.6				0.6	31.0		0.		30.3		18	
15	6,6				6.5	31.6		1.3		30.3		15	
15	5.2				5.2	27.1		1.9		25.2		12	
15	7.7				7.7	25.2		9.		24.5		60	
15	5.2				5.5	23.2		1,3		21.9		90	
15	7.7		9.		7.1	28.4		6.		27.7		03	
15	9.7		•		9.0	36.1		1.3		37.4		00	100
NO. OF OBS.	% OF OBST WITH OBST TO VISION	AND/OR SAND	BLOWING	SMOKE AND/OR HAZE	509	% OF OBS WITH PRECIP.	HAIL	SNOW AND/OR SLEET	FREEZING RAIN & OR DRIZZLE	RAIN AND/OR DRIZZLE	THUNDER. STORMS	HOURS (L.S.T.)	MONTH

AND RETEIGH GRANGHATE SHT YE CETHING

KEFLAVIK, ICELAND STATION NAME 16201 STATION

0.000000000000

73-77

YEARS

NON

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

20,0       4,0       22,7       3,3       3,3       150         15,7       7,3       22,7       3,3       150         18,0       6,0       23,3       5,3       7       1,3       4,7       150         20,0       6,7       24,0       5,3       6,7       150         20,0       6,7       22,7       4,0       150       150         20,0       3,3       23,3       4,7       7       7       6,0       150         18,3       1       6,2       23,1       4,9       7       7       6,0       150		THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
15.3       .7       .3       22.7       3.3         15.3       .7       .3       21.3       4.7       4.7         18.0       6.0       23.3       5.3       .7       1.3       6.7         20.0       6.7       24.0       5.3       .7       1.3       6.7         20.0       6.0       22.7       4.0       4.0       4.0         20.0       3.3       23.3       4.7       .7       .7       .7       .7         18.3       .1       6.2       23.1       4.9       .2       .3       5.3	00		20,0		0.		22.7	0.9				0.0	150
18.0       6.0       23.3       4.7         18.0       6.0       23.3       5.3         19.3       6.7       24.0       5.3       7         20.0       6.7       24.7       6.0       6.7         20.0       3.3       22.7       4.0       4.0         20.0       3.3       23.3       4.7       7       7       6.0         18.3       1.0       6.2       23.1       4.9       5.3       5.3	-		16.7		7.3		22.7					3,3	150
18.0       6.0       23.3       5.3       7       1.3       6.7         20.0       6.7       24.0       5.3       7       1.3       6.0         17.3       8.0       22.7       4.0       4.0         20.0       3.3       23.3       4.7       .7       .7       6.0         18.3       .1       6.2       23.1       4.9       .2       .3       5.3	-		15.3	•	7.3		21.3	4.7				4.7	150
20.0     6.7     24.0     5.3     .7     11.3     6.7       20.0     6.0     22.7     4.0     4.0       20.0     3.3     23.3     4.7     .7     .7     6.0       18.3     .1     6.2     23.1     4.9     .2     .3     5.3	-		18.0		0.0		23,3	5.3				5.3	150
20.0     6.7     24.7     6.0       17.3     8.0     22.7     4.0       20.0     3.3     23.3     4.7     .7     .7       18.3     .1     6.2     23.1     4.9     .2     .3     5.3	7		19.3		6.7		24.0	5,3				6.7	150
20.0 22.7 4.0 4.0 6.0 20.0 20.0 20.0 20.0 20.0 20.0 20.	10		20.0		6.7		24.7	0.9				0.9	150
3,3 4,7 .7 .7 6,0	00		17.3		0.0		22.7	4.0				4.0	150
.1 6.2 23.1 4.9 .2 .3 5.3	_		20.02		8 3		23,3	4.7				0.0	150
.1 6.2 23.1 4.9 .2 .3 5.3													
.1 6.2 23.1 4.9 .2 .3 5.3													
			18.3		6.2		23.1	4.9				5.3	1200

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KEFLAVIK, ICELAND 16201 STATION

73-77

DEC

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DOSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	0.6	10.3	10.3	10.3	13.5	16.1	11.0	0.6		11.2
DUST AND/OR SAND										
BLOWING	3.9	4.5	5.2	5.5	4.5	5.8	4.5	3.9		4.7
SMOKE AND/OR HAZE					1.3	1.3				
FOG	5.2	8.8	5.2	5.2	7.7	0.6	6.5	<b>80</b>		6.2
% OF OBS WITH PRECIP.	27.7	32.9	29.7	50.5	26.5	27.1	27.7	29,0		28.4
HAIL										
SNOW AND/OR SLEET	16.1	10.4	17.4	12.9	11.6	11.6	11.6	14.8		4.41
FREEZING RAIN &/OR DRIZZLE								1.3		8
RAIN AND/OR DRIZZLE	12.9	15.5	14.2	14.00	50	17.4	17.4	14.2		15.6
THUNDER. STORMS										
HOURS (L.S.T.)	00	60	90	60	12	15	18	12		
MONTH	DEC									TOTALS

PRINTED BY THE STANDARD PERISTEN COMPANY.

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### CONDITIONS WEATHER

16201 STATION

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KEFLAVIK, ICELAND

73-77

YEARS

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

BLOWING

SMOKE AND/OR HAZE

500

% OF OBS WITH PRECIP.

HAIL

SNOW AND/OR SLEET

FREEZING RAIN &/OR DRIZZLE

RAIN AND/OR DRIZZLE

THUNDER-STORMS

HOURS (L.S.T.)

MONTH

TOTAL NO. OF OBS.

AND/OR SAND

% OF OBS WITH OBST TO VISION

1.6

5.8

3.7

24.8

13.0

14.1

ALL

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8.4

2.00

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4.0

27.9

6.8

20.5

4.2

9

3.6

26.0

11.8

16.1

1128

1240

10.8 22.0

7.3

6.

1.3

19.9

24.8

3.

20.3

17.7

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1240 1200

1240 1240 15.2

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DEC TOTALS

AUG

105

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28.2

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11.9

30.7

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15.5

22.4

13.1 16.8

1200 1240

2.

7.2

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1200

REPRESENTED COMPANY, U.S.

7.3

5.3 11.2

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ALL

### VEATHER CONDITIONS JAN 8

WEATHER CONDITIONS ATMOSPHERIC PHENDMENA

16201 STATION

KEFLAVIK, ICELAND

9

PERCENTAGE

49-77

YEARS

DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

SMOKE AND OR HAZE 500

BLOWING

% OF OBS WITH PRECIP.

HAIL

SNOW AND/OR SLEET

FREEZING RAIN & OR DRIZZLE

RAIN AND/OR DRIZZLE

THUNDER-STORMS

HOURS (L.S.T.)

MONTH

AND OR SAND

TOTAL NO. OF OBS.

% OF OBS WITH OBST TO VISION

18.2

20.4

19.6

4 . 4

55.4

0

51.7

1.6

DAILY

JAN

803

37.5 2

14.4

5.4

23.4

79.7

3.7

55.4

100

54.5

0

FEB

12.5

4.1

24.8

81.2

4

50.9

0

58.1

738

31.8 38.2 38.1 --

5.2

4.9

31.9

2.6

36.7

4

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4

APR

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0

2

7.5

27.6

71.0

1.6

10.9

68.5

3.8

33.7

73.2

.

1.3

73.1

2.1

39.4

60.9

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300

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AUG

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839 812

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5

5.0

78.3

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2

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32.5

.

1.7

30.5

84.1

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4.4

25.2

79.2

3.1

43.1

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812 839

36.6

16.4

2.0

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60.7

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6.2

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29.0

77.4

2.7

28.4

4

65.1

4

TOTALS

DEC

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NAVWEASERVCOM

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WIND	N A	RAIN	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET  " SHOWERS ICE  CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	100	GROUND FOG	SMOKE	BLOWING	BLOWING SAND AND DUST	NO WEATHER
z						0.6				1.0		0.6		85.0
NNE	9.					100						6.2		87.6
NE		1:1				20						2.1		93.6
ENE	4.1	2.4				10.6						4.1		82.9
E	12.1					O						7.6		63.2
ESE	20.8		1.			18.2			5.0			3.0		01.0
SE	17.6	6.8	_			<b>3</b> (3)			16.2			2.7		52.7
SSE	23.7		8.5			13.6			10.2	1.7				50.8
S	20.8	5.2			1.0				14.0					55.2
SSW	16.7		6.0			11.7		1.1	8 3			1.7		0000
SW	3.0	5.6	5.6			11.1			1.9			1.9		74.1
WSW	1.4					0.4%			1.4			13.0		65.3
*												28.1		57.8
WNW			0.4			20.02						0.4		16.0
N.N.	10.7					41.7						10.1		41.7
MNN	6.3					28.0								75.0
VARIABLE														
CALM	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	*/	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\sqrt{}$	M	
TOTAL	104	40	46		-	159		-	4.1	8		72		877
% TOTAL	9 . 6	3.7	3.7			12.9		1.	3.3	*		5.8		71.1

TOTAL NUMBER OF OBSERVATIONS

1,233

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16201	KEFLAVIK, ICELAND	ICELAND	JAN 73 - DEC 77	FEBRUARY	ALL
STATION		STATION NAME	SEARSY	MONTH	HOURS (L.S.T.)

NO WEATHER	62.0	88.2	91.5	82.8	68,0	71.0	46.7	50.0	53.1	66.1	26.4	66.1	71.7	46.7	50.0	63.3		2	781	69.5
SAND SAND AND DUST																		$\bigvee$		
BLOWING	2.0	2.6	1.4	6.						4.8	20.8	21.4	60	40.0				$\bigvee$	47	4.2
SMOKE							5.6	7.1	60									M	1	•
ICE FOG GROUND FOG							1.1	1.4	1.5									X	5	4.
506				1.7	1.0	1.6	7.8	11.1	10.0	3.2	1.3							V.A	9	3.2
THUNDER										1.0								$\bigvee$	~	
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS	16.0	4.9	5.	6.9	14.3	1.6	0	6.0	10.8	16.1	20.8	14.3	10.6	20.7	50.0	16.7		X	133	11.8
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE			.,	1.7	1.0	4.8	15.6	11.1	14.6	4.8	2.6	3.6	2.2					$\bigvee$	36	5.0
RAIN				•	7.6	6.9	1.1	2.8	6.2	1.6	5.2	1.8	2.2					$\bigvee$	31	2.7
N A N		1.3	4.3	7.8	13.3	16.1	30.0	26.4	21.3	6.9	3.9	1.8	2.2					M	123	10.9
WIND	z	NNE	NE	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	N.W.	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,128

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0

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NAVWEASERVCOM

6201	KEFLAVIK. ICELAZO	JAN 73 - DEC 77	MARCH	ALL
NOIL	STATION NAME	VEARS	MONTH	HOURS

NO WEATHER	71.2	8.48	79.7	81.7	74.1	52.4	9.00	26.4	01.2	65.5	050	0.47	51.9	1.09	65.4	80.0		S.	823	4.00
BLOWING SAND AND DUST																		M		
BLOWING	1.5	1.8	1.7		1.2				*.		10.0	10.0	20	17.9	15.4			$\bigvee$	33	2.8
SMOKE							•											M	2	.2
ICE FOG GROUND FOG							0.	1.4	1.4			2.0	1.0					X	7	9.
100	3.0		1.7		2.5	5.9	10.4	17.1	10.2	15.6	12.0	0.,	7.7	3.6	1.1	3.5		M	06	. 3
THUNDER																		M		
HAIL SMALL HAIL																		$\bigvee$		
SNOW GRAINS PELLETS SHOWERS	21.2	0	5.1	(C)	7.4		9.0	2.1	**	4.1	15.0	10.0	21.2	3.	7.0	6		X	110	D.
SLEET " SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE	3.0	1.8	5.1	1.7	8.6	16.2	11.3	12.1	13.6	12.5	0.4	4.0	11.5	3.6		3.2		$\bigvee$	103	e0
RAIN	1.5		1.7			4.8	3.8	4.3	5.4	4.7	2.0	2.0	9.6					$\bigvee$	36	5.9
N N N N N N N N N N N N N N N N N N N	3.0	4.5	10.2	6.3	14.6	30.5	33.6	23.6	21.1	4.6	0.4	2.0	20	7.1	CES CFS	6.7		$\bigvee$	171	13.8
WIND	z	NNE	NE	ENE	Ε	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

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ALL	HOURS (L.S.
APRIL	MONTH
JAN 73 - DEC 77	YEARS
KEFLAVIK, ICELAND	STATION NAME
16201	STATION

NO	016	90.3	76.2	56.1	10.0	52.4	52.8	44.7	40.1	38.6	56.7	57.1	65.1	70.7	19.0	85.2			753	62.8
SAND SAND AND DUST																		M		
BLOWING	3.3	2.9				7.1								2.4				M	=	
SMOKE								6.8	6.	3.6	2.2	1.4						M	91	1.3
ICE FOG GROUND FOG									0.	1.2		1.4						M	6	•
F0G		5.0		3.8	3.3	5.4	28.7	30.3	35.2	42.2	30.0	28.6	24.4	17.1	12.2	11.1		X	236	19.7
THUNDER																		M		
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS	8	2.9	14.3	16.1	11.7	14.3	6.9	2	0	2.4	m	5	· ·			3.7		M	10	4
SLEET SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE		1.0	2.	6.5	60	16.7	15.7	13.6	17.6	19.3	12.2	15.7	11.6	12.2	00			$\bigvee$	124	10.3
RAIN			4.8		2.0	8.4	0.	4.3	7.4	3.6	5.6	4	3.5					X	36	3.0
RAIN	00	63	11.9	22.5	13.3	21.4	11.1	21.2	14.8	24.1	6.7	9	1.2	4	0.1			$\bigvee$	128	10.7
WIND	z	NNE	NE	ENE	ш	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

ALL	HOURS (L.S.T.)
MAY	MONTH
JAN 73 - DEC 77	YEARS
KEFLAVIK, ICELAND	STATION NAME
16201	STATION

NO WEATHER	9. 56	25.1	65.2	13.0	71.4	2.10	44.5	0.50	11.3	19.5	80.5	9 <b>9</b> S	18.4	4.46	93.0	95.1		6	596	17.8
SAND SAND AND DUST																		M		
BLOWING				2.1														$\bigvee$	-	
SMOKE	. 7				1.6	1.5		1.0	20.									M	01	
ICE FOG GROUND FOG							3.6											M	N.	4.
500		1.5	1.6			0.0	20.2	14.6	10.0	6.0	2.4	2.2	3.4		2.1			X	7	0.9
THUNDER																		$\bigvee$		
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS	0	0	1.0	~	2.5				7.6		2.4							X	10	1.3
SLEET " SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE		. 7	1.6	2.3	6.1	9.0	19.3	13.0	6.3	2.3	6.4	8.7	5.4		2 . 1			X	73	0.0
RAIN		1.5	1.6	4.2	6.3	11.9	2.5	1.6	6.3	9.1	12.2	2.2	5.4	2.8		2.1		X	47	3
N N		2.9	11.5	10.7	12.7	17.9	33.6	17.1	0.	an • 0				2.03	4.3	2.1		X	127	10.2
WIND	z	NNE	NE	ENE	В	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	MN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

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CONE JAN 73 - DEC 77 KEFLAVIK, ICELAND

ALL HOURS

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NOWEATHER	0.46	63.8	5.5	56.3	63.5	63.5	32.6	57.1	29.8	83.8	19.4	75.5	78.7	71.2	600	87.5		K K	895	74.6
BLOWING SAND AND DUST W																				
BLOWING																		$\bigvee$		
SMOKE							1.7	1:1	6.		1.6			1.9				M	•	
ICE FOG GROUND FOG						1.6	1.07							1.9				$\bigvee$	4	
509				3.1		6.3	17.2	25.3	16.2	2.7	7.9	3.0	0.4	9.6	9.4	9.0		X	6	7.4
THUNDER							6.											$\bigvee$	-	. 1
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS	1.3																	M	N	.2
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE	1.3	1.9	1.6	9.6	3.8	9.5	23.3	18.7	28.2	5.4	7.9	15.1	8.0	7.7	2.7			$\bigvee$	121	10.1
RAIN	1.3		3.3	3.1	9.6	6.3	8.6	2.2	4.3	6.5	6.3	3.8	4.0	3.8				X	80	4.2
RAIN	2.7	6.5	11.5	37.5	25.0	23.6	25.0	20.9	18,6	2.7	6,3	11.3	9.3	7.7	3	7.5		X	159	13.3
WIND	z	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

0

DER FOG GROUND HAZE SNOW DUST WEATHER	3.1	1.0	2.9	3.6	3.0 9.1	6.9	30.3	20.8	6 32.6 .8	30.6	21.7	19.4		6.7	
SNOW HAIL VERS "SAGANS SMALL THUNDER ALS "SHOWERS HAIL					ra								1		
PREEZING SLEET RAIN "SHOWERS DRIZZLE FREEZING ICE DRIZZLE CRYSTALS	30	1.9	2.0		3.0	10.3	29.2	25.5	34.8	25.9	12.0	20.9	12,1	0.4	
RAIN SHOWERS	13.8	1.9	14.3 2.9	28.6 3.6	30.3 3.0	10.3 1.7	21,3 4.5	17.9 5.7	11.4 2.3	15.7 2.8	8.7 4.3	6.5	4.5	1.3	
WIND	z	NNN	N.	FNE	В	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	

TOTAL NUMBER OF OBSERVATIONS

15.0

176

2.3

154

% TOTAL TOTAL

VARIABLE

N Z ×

CALM

1,240

6.46

TY.

879 10.9 00

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NAVWEASERVCOM

0

WIND RA	ZIA	RAIN	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	509	GROUND FOG	SMOKE	BLOWING	SLOWING SAND AND DUST	NO
z	2.8	4.7	1.9						6					91.6
NNE	12		3.0						3.8					83.8
-	26.3	2.0	4.1						4.1					69.4
ENE	28.3	3.8	9.6						5.7		3.8			
E 2	27.1	3.5	10.6						4.7		8.2			52.9
ESE 2	26.1	7.6							10.9		4.3			48.
	25.5	2.0							24.5					51.
SSE	34.7	5.0							28.1					40.
2	20.6	3.0	30.9						23.0					55
_	16.3	4.7	7.65						16.3					66
-	2.0	6.9	17.4						10.9					11.
	2.5	5.0	10.0						8.0					0.2
	5.1	3.4	13.6			1.7			æ		1.1			18.
WNW	0.4		8.0						2:0					88.0

0 0 0 0 0

TOTAL NUMBER OF OBSERVATIONS

1,240

816

148

213

42

17.9

% TOTAL

0

TOTAL

X

CALM

6

NNN

MNM ž VARIABLE

X

X

90.06

1

-

ALL	HOURS L.S.T
SEPTEMBER	MONTH
JAN 73 - DEC 77	YEARS
KEFLAVIK, ICELAND	STATION NAME
16201	STATION

NO	95.8	86.0	63.3	71.4	59.5	52.7	51.4	\$6.5	52.0	44.0	71.7	2.49	70.5	500	78.3	91.5		X	828	0.69
SAND SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE		00	1.9		۳.	2.7	8			2.0	6.9	5.7	5.3					X	19	1.0
ICE FOG GROUND FOG																		$\bigvee$	-	-:
506	1.2	3	5.6	4.1	3.0	21.6	22.0	33.3	34.6	32.7	21.7	18.9	.5	2.0	17.4	(D)		X	18.5	15.4
THUNDER																		$\bigvee$		
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWERS		(2)							003									M	~	7.
SLEET SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE		2.	3.7	8.2	6.6	3.0	12.8	17.2	22.00	22.4	15.2	17.0	8.8					X	119	6.6
RAIN	9.	2.5	3.7	2.0	5.3	2.7	6.	2.2	4.7	6.1		5.7	3.5	8	4.3			X	36	3.0
NAIN	2.4	7.4	7.4	\$2.4	28.9	27.0	30.3	23.7	15.0	22.4	4.3	4.6	3.5	5.9		2.1		X	167	13.0
WIND	z	NNE	NE	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

0

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JAN 73 - DEC 77  MONTH HOURS LLS.T.)	SLEET SNOW HAIL THUNDER FOG SMOKE BLOWING SNOW OCE SNOWED SNOW BLOWING SAND NO SPELLETS SMALL THUNDER FOG GROUND FOG HAZE SNOW DUST WEATHER	7.1	1.0	200	2.2	2,3 3,1	11.1	14.3		12.3	11.8	2,4		2.4 7.3	
KEFLAVIK, ICELAND STATION NAME	PREEZING RAIN DRIZZLE PREEZING DRIZZLE	5.4	3.0	4.1	4.4	3.00	18.2	14.3	30.3	17.7	17.6	16.7	14.3	2.4	
AVIK	RAIN		•	1.4.1			-		2.2	11.5		14.3	6.1	6.4	
X T	A A	10.1	14.9	12.3	16.5	16.2	23,2	22.7	31.5	13.8	13,7	16.7	12.2	8.6	
16201 STATION	WIND	z	NNE	N.	ENE	Ε	ESE	SE	SSE	s	SSW	SW	WSW	×	

TOTAL NUMBER OF OBSERVATIONS

1,240

66.50

~~

7.2

0

132

66

202 16.3

TOTAL % TOTAL

16.1

7

74.2

1

Ten J

NAVWEASERVCOM

1

0

0

VARIABLE CALM

NNN

.

CELAN	JAN 73 - DEC 77
12420	
KEFLAVIK, ICELAND	

NO	93.0	49.6	66.7	9006	80.5	2.50	58	52.5	0.00	61.0	67.8	63.8	75.0	87.5	1.00	73.0		X	016	75.8
SAND SAND AND DUST																		X		
BLOWING	1.1	9.																$\bigvee$	3	• 3
SMOKE . HAZE							6.		6.									$\bigvee$	2	• 5
ICE FOG GROUND FOG					1.3													$\bigvee$	1	
506	su.				100	1.5	5.1	19.2	19.1	6.4	8 . 9	9.9						$\bigvee$	50	•
THUNDER																		$\bigvee$		
HAIL SMALL HAIL																		$\bigvee$		
SNOW GRAINS PELLETS SHOWERS	3.4	4.2	2	00	200	6.1	4.6	7	4.9	7.3	1.7	4.0		6.3		18.		$\bigvee$	73	9
SLEET "SHOWERS ICE CRYSTALS												2.1						$\bigvee$	1	-:
FREEZING RAIN FREEZING DRIZZLE							0											$\bigvee$	•-1	
DRIZZLE	WY.		1.3		2.6	12.1	16.2	13.1	17.3	9.8	8.5	90				2.7		X	11	9.9
RAIN		1.2		1.9	2.6	6.1	5.6	6.1	8.2	17.1	15.3	4.9	8.3	6.3	6.7			X	16	4.3
A N		1.2	12.0	33	6.5	10.7	53.9	26.3	17,3	14.6	8.5	6.41	12.5		0.7			$\bigvee$	128	10.7
WIND	z	NNE	NE	ENE	В	ESE	SE	SSE	s	SSW	SW	WSW	W	WNW	WN	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

0.7

A	TOH
62	
DECEMBER	HINO
DEC	2
	58
DEC 7	YEAR
AN	
	NAME
AND	STATION
ICEL	
VIK	
KEFLAVIK	
16201	z
1620	STATIC

NO WEATHER	67.9	40.7	74.4	80.3	73.3	52.0	44.3	51.7	52.9	51.4	96.9	51.9	68.9	58.3	71.4	19.2		N N	847	68.3
SAND SAND AND DUST																		$\bigvee$		
BLOWING	2.6	2,3	12,2	7.6	1.9	4.1	6.3	1.7		2.9	1.7	2.6	9 9	11.1	14.3	4.2		$\bigvee$	80	4.7
SMOKE						2.0				2.9	1.7							$\bigvee$	4	
GROUND FOG																		$\bigvee$		
509	6.	1.2	1.2	1.5	4.8	16.3	17.7	13.8	9	14.3	15.5	6.9	1.0	5.6				$\bigvee$	77	5.5
THUNDER																		$\bigvee$		
HAIL SMALL HAIL																		$\bigvee$		
SNOW GRAINS PELLETS SHOWERS	0	120	23.2	15.2	16.2	15.3	22.8	13.6	13.7	3.6	5.2	20.4	11.7	30.0	14.3	20.8		X	179	14.4
SLEET " SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE							1.3	1.7										$\bigvee$	~	.2
DRIZZLE		1.7	1.2	1.5	3.0	15.3	19.0	22.4	13.7	22.9	55.9	13.0	6.1	5.6				$\bigvee$	101	8.1
RAIN	6.			1.5		5.1	1.3	3.4	7.8	2.9	6.0	6.6	13.6	2.0				$\bigvee$	*	3.5
N N	1.7	9.	1.2	3.0	0.7	15.3	22.8	25.9	21.6	14.3	10.3	6.3	1.0	2.8	9.0			$\bigvee$	63	7.7
WIND	z	NNN	NE NE	ENE	w	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	×	MNN	VARIABLE	CALM	TOTAL	% TOTAL

0

TOTAL NUMBER OF OBSERVATIONS

1,240

D

## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

* **	NAN SH	RAIN	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET  SHOWERS  CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	F 0 G	GROUND FOG	SMOKE	BLOWING	SLOWING SAND AND DUST	WEATHER
	3.4		0	_		4.7			1.0	7.	7.	1.3		89.7
	3.5	9.	1.5			æ3			1.2		.1	1.5		88.3
	- 4	1.7				ers.			1.1			1.8		84.0
-	2	2.5	3.1			S			1.7		. 3	1.9		76.0
-	15.9	4.7	4.3			1.1			2.		6.	1.3		68.2
~	21,4	6.2	13.3			0			8.1	.1	1.0	1.1		57.7
~	24.2	3.4				4.7		•	17.8		1.0	0.		52.4
2	24.2	3.9	18.5			G			20.9		7.7	. 1		52.6
-	16.7	5.8			•	77		-:	19.3	9.		•		2005
-	14.0	5.9				3.1		•	17.6	1.				0.00
	6.3	6.3	10.4		-	0.00			12.9		6.	3.6		1.99
	7.1	4.4			-	100			6.3	. 3	0.	4.5		2.99
	0.0	3.0	6.9			7.		7.	0.7	:	9.	4.6		10.4
	3.9	2.3	5.1			6.2			5.5	• 5	.2	3.9		17.6
	4 . 4	1.1	2.2			5.6			4.4			2.8		83.3
	6.4	. 5	. 5			7.3			2.0			e,		83.5
	-													

TOTAL NUMBER OF OBSERVATIONS

14,601

10224

229

20 0

31

1309

0

753

(4) 0

1

1341

3.5

1780

TOTAL % TOTAL

5

X

X

VARIABLE CALM

To the second

3

I D

#### PART B

# PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL\*
SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly latter statistics above are not presented for the snow depth summary since they would have limited use and and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). may be misleading. i

each month and annual (all months). The extremes for a month are not printed nor used in computations if The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for one or more observations are missing. 'n

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

From beginning of record thru 1945 Jun 57-present Jan 46-May 57 Air Force Stations

Snow depth at 0800 LST Snow depth at 1230 GCT Snow depth at 1200 GCT

> U. S. Navy and Weather Bureau Stations

From beginning of record thru Jun 52 Jul 52-May 57 Jun 57-present

Snow depth at 1230 GCT Snow depth at 1200 GCT

Snow depth at 0030 GCT

# Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

#### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

L O

KEFLAVIK, ICELAND

0

100

51-77

YEARS

NTS		LEAST		.91	.71	.39	1.62	.37	. 52	.69	.37	.86	1.80	1.53	.71	X
MONTHLY AMOUNTS	(INCHES)	GREATEST		9.17	2.36	16.6	00.9	8.17	6.16	5.17	7.56	0.05	9.01	- 1	9.57	X
HONT	1)	MEAN		4.32	4.1212.36	4.40	3.66	2.96	3.00	2.56	3.76	4.4510.05	3.46	4.7512.26	5.07	18.57
	NO.	0 es		175	735	806	780	908	780	808	175	810	837	910	837	985748.57
PERCENT	OF DAYS	MEASUR-	AMTS	1.20	61.9	61.9	***	52.5	2.76	6.64	55.2	65.1	711.7	2.20	8.99	6.09
	2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	OVER 50.4	OVER 120													
	0.01.20.00	25.5-50.4	61.120													
	00.01.10.8	15.5.25.4	19.60													
	2.51-5.00	10.5.15.4	37.48			.1					.1					0.
	1.01.2.50	4.01.2.4	25.36	*	1.4	1.0	89	.5	*	4.	1.4	1.7	1.2	1.5	1.2	1.0
HES	31.1.00	1.5.6.4	13.24	7.1	6.1	5.7	5.1	3.2		2.6	4.	4.0	4.	7.3	0.8	3.6
AMOUNTS (INCHES)	26.50	3.5.4.4	7.12	13.2	14.1	13.2	6.6	8.8	0.6	7.3	10.8	11:1	15.8	14.1	13.9	95
AMO	31.25	2534	4.6	16.4	14.6	18.0	18.7	14.5	15.5	14.3	11.5	17.0	20.9	15.6	19.0	16.3
	01-90	15.24	•	9.6	4.4	9.3	11.3	9.2	11.4	9.1	7.7	9.0	9.8	9.5	11.7	8.6
	.0203	0.5.1.4	2	12.6	12.0	10.5	15.1	12.0	12.1	12.3	14.2	14.8	12.5	11.4	*:	3.9 12.4
	5	0.1.0.4	-	2.6	3.9	7	3.5	4.2	5.5		9.0	4.9	3.1	3.0	3.0	3.9
	TACE	TRACE	TRACE	17.0	17.8	19.5	16.8	18.5	16.0	16.6	16.8	14.6	12.4	16.9	15.4	16.5
	NON	NONE	NON	\$0.0	\$00.	18.9 19.2	18.8	0.62	26.8	33.5 16.6	28.0	\$0.02	15.9 12.4	50.0	17.8 15.4	22.6 16.5
	PRECIP.	SNOWFALL	SNOW.	-	2	MAR	*	MAY	N N	101	AUG	36.	50	NOV	DEC	ANNUAL

0

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# DAILY AMOUNTS

9

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

TATION KEFLAVIK, ICELAND NAME

51-77

YEARS

						AMC	AMOUÑTS (INCHES)	(CHES)						PERCENT		NON	MONTHLY AMOUNTS	STAD
PRECIP.	NON	TRACE	10.	.0205	0190	m25	2650	51-1.00	1.01-2.50	2.51-5.00		10.01-20.00	5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	OF DAYS	NO.		(INCHES)	
SNOWFALL	NON	TRACE	0.1.0.4	0.5-1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	4.5.10.4	10.5.15.4	15.5.25.4	25.5.50.4	OVER 50.4	MEASUR-	0 0 8 8 8	1		
SNOW.	NON	TRACE	-	2	-	4.6	7.12	13.24	25.36	37.48	49.60	61.120	OVER 120	AMTS			CKENTES	
NAL	45.3 24.3	24.3	0.6	9.0 10.7	4.6	3.0	1.2	1.2	9.					30.5	775	14.4	9.99	•
2	*:	25.7	10.3	10.7	3.1	2.4	1.5	4.	1.1	. 3				59.9	735	12.5	50.9	-
MAR	49.1	54.6	8.2	8.6	60	2.2	1.6	1.4	-	.2	.1			26,3	908	13.5	50. STRACE	RACE
APR	63.1	63.1 19.2	7.3	e.	2.1	8	E.	1.0	•	.1				17.7	780	7.2	24.8	.2
MAY	89.1	4.6		•	*									1.5	808	.5	6.2	0.
N S	98.6	1.4													780	780TRACETRACE	TRACE	
JU.	6.66	-													806	806TRACETRACE	FRACE	
AUG	6.66														808	BOSTRACETRACE	FRACE	0
SEP	95.2	4.2	4.		.2									•	810	7.	1.9	.0
100	78.3	78.3 15.8	2.4	2.5	•	• 2	•							0.0	837	1.6	11.8	
NO N	57.3	57.3 22.2	6.7	7.7	2.8	1.6	1.0	.5		.2				20.5	810	8.4	29.2TRACE	RACE
DEC	38.9	24.0	8.6	12.9	7.2	3.7	1.9	2.2	9.					37.0	837	19.1	51.3TRACE	RACE
ANNUAL	71.6 14.2	14.2	*:	5.0	2.1	1.2	•		.2	.1				14.2	9588	77.3	X	X

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NAVWEASERVCOM

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## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

DI KEFLAVIK, ICELAND

0

0

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51-77

YEARS

UNTS		IFAST														X
MONTHLY AMOUNTS	(INCHES)	Caliantect														X
MON		24 54														
	NO.	0 6 S		908	735	808	780	808	780	808	808	810	837	810	837	6196
PERCENT	OF DAYS	MEASUR-	AMTS	2.44	36.7	29.7	10.8	•				.2	2.4	20.1	44.6	15.8
	5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	OVER 50.4	OVER 120													
	0.01-20.00	25.5-50.4 OVER 50.4	61.120													
	8.01.10.00	15.5.25.4	49.60													
	2.51-5.00	10.5-15.4	37.48			.2										0.
	1.01.2.50	6.5.10.4	25.36													
(Sah	51.1.00	4.5.6.4	13.24	1.9	1.9	1.0								.2	9.	2.
AMOUNTS (INCHES)	26.50	3.5.4.4	7.12	7.0	5.5	2.7	1.3								8.2	2.1
AMO	л25	2.5.3.4	9.	11.5	6.3	0.9	1.3						•1	3.1	10.2	3.2
	0190	1.5.2.4		4.8	4.2	3.6	1.8	.1					4.	*:	7.2	2.2
	.0205	0.5-1.4	2	6.1	5.0	7.2	2.9							3.1	6.7	2.6
	10.	4.0-1.0	-	12.3	14.1	6.8	3.2	.2				.2	1.4	8.0	11.7	5.0
	TRACE	TRACE	TRACE	19.6		15.0	12.7	1.4				.2	4.4	19.8	24.4	10.2
	NONE	NONE	MONE	36.2	36.0 25.3	55.3	76.5	68.3	100.0	100.0	100.0	66.5	93.2	1.09	31.1	ANNUAL 74.0 10.2
	PRECIP.	SNOWFALL	SNOW.	NAL	FEB	MAR	APR	MAY	NOT	101	YNG 1	38	٥٥	YON	DEC	NNUAL

0

0

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FROM DAILY OBSERVATIONS PRECIPITATION

1

46-17

KEFLAVIK, ICELAND

16201 STATION

0

0

YEARS

24 HOUR AMOUNTS IN INCHES

EAR	JAN.	E.	MAR.	APR.	MAY	NOC	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	MONTHS
6.0													
3.									.54	. 56	90	99.	
25	1.42	. 59	04.	.43		. 27	. 58	. 43	. 15	1.36	1.00	.17	1.42
23			.70	.36		30	04.	.53	100	. 87	. 54	400	
54	.72	1.09	90	. 73	. 42	. 43	. 50	1,13	.38	.56	96.	94.	1.13
35	69.		64.	.76		17.	. 54	.04	99.	. 85	-	2.50	2.50
96	.76	1.25	. 52	6 * •	.37	.67	40.	.20	1.56	. 79	1.06	.78	1.56
57	. 95		.64	.30	1.12	00	.74	.61	. 80	16.	-	16.	1.50
50	66.	64.	.20	.91	.12	.31	.21		.67	. 83	1.39	. 53	
66	.80		2.69	. 36	. 59	.77	. 53	1.04	2,18	16.	. 59	. 55	2.69
09	.57	1.45	1.11	1.10	r 4.	1.69	10	0.	1.16	. 45		1.45	1.69
10	1.09		.00	14.	.36	64.	. 33	1.19	1.51	.57	. 62	04.	1.51
62		1.08	.23	. 81	.72	1.00	*0	99.	1.31	1.25	1.08	.91	1.31
63	19.		40.	1.09	1.20	00.	09.	20	1.19	10.	. 78	. 7.5	1.20
*0		. 59	1.10	. 24	. 48	1.37		1.14	.39	. 93	.65	1.53	1.53
60	.75	. 32	. 50	1.25	. 33	14.	. 33	. 6	. 70	1.30	. 65	. 59	1.30
99	.63	. 34	. 53	.75	· ·	40.	. 39	3.39	69.	1.17	1.39	.75	3.39
0.1	. 80	1.02	1.24	. 53	. 69	05.	10.	1.07	69.	.57	1051	1.21	1.24
0	.71	.75	.62	1.23	60.	. 46	96.	1.27	.63	.65	.75	1.20	1.27
69	.25	96.	1.81	+0.	.57	. 1		1.01	. 84	.82	. 68	1.07	1.81
20	. 60	.70	00	1.04	1.62	-	.65	68.	1:51	1,23		66.	1.62
-	04.	.10	. 76	. 53		11.	11.11	.39	99.	1.33	.81	. 8	1.3
72	. 79	. 82	1.70	*0.	.61	.7	. 17	1.31	19.	1.23	. 62	.74	1.70
-3	. 53	. 82	. 52	.36	. 52	. 59	. 50	. 78	1.23	1.00	1.88	*0.	1.88
74	1001	400	1.69	1.19	000	9	. 5	.70	. 80	1.39	1.26	0.00	1.69
2	. 80	. 75	90.	. 29	. 65	. 3	. 65	40.	1.56	. 53	1.19		1.56
16		. 75	.67	.0.2	.71	.67	400	1.51	09.	19.	6.	1.76	1.76
11	• 54	.50	.63		. 55	1.09	1111	1.70	. 75	64.	64.		1.70
MEAN	.74	.80	.87	14.	999•	19.	65.	76.	.95	. 89	\$6.	16.	1.00
S. D.	.236	.303	.564	.310	.307	330	.221	***	165.	.308	.347	673	. 51
TOTAL OBS.	775	735	806	082	806	780	908	775	010	837	810	837	955

0.0

40-77

KEFLAVIK, ICELAND

YEARS

1 0 N

FROM DALLY OBSERVATIONS

**EXTREME VALUES** 

/BASED ON LESS THAN FULL MONTHS/

TRACE .09 .24 .67 .48 .00 TRACE .05 .00 .00 .00 .00 .00 .00 .00 .00 .00	04	AR JAN.	-		APR.	MAY	NO.	JUL.	۲	SEP.	OCT.	NOV.	٥	
### ### ### ### #### #################		• • • • • • • • • • • • • • • • • • • •	100	NA C	.00		100		20.	-		. →	1	
TRACE .09 .04 .00 .02 TRACE .27 .29 .29 .29 .29 .29 .29 .29 .29 .29 .29	20	.31	.51	. 4.5	42.	19.	4 -	00-	-		° ~	90.	TRACE	
68.6	51	TRACE	.09	*0-	00.	105	TRACE 1	.27	00-1					
	23	29												DAYS
	8								0 6 6					
														1
														1
MEAN S. D.		•												
MEAN S. D.														
MEAN S. D.													3	
AEAN S. D.														1
S. D.	MEAN													1
	S. D.													

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NAVWEASERVCOM

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SNOWFALL

FROM DAILY OBSERVATIONS

KEFLAVIK, ICELAND

16201 STATION

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24 HOUR AMOUNTS IN INCHES

ALL		11.6		3.7	4.3	0.4	0.4	4.3	25.0	11.1		10.8	9.0	4.2	12.5	7.2	12.4	6.3		7.0	4.0	6.8	5.7	0.0	9.3	7.6	4.7	7.86	4.562	9588
DEC.		TRACE	5.5	3.7		9.0	5.9	3.1	3.7	8	0.4	7.7	4.0	4.2	2.1	5.0	5.00	0.0	4	5.0	4.0	6.9	5.7	0.0		5.7		4.86	2.119	00
NOV.		1.2	2.2	3.0	3.1	0.4	9.2	3.4	3.5	TRACE	3.1	10.8	9.0	3.0		2.0	15.1	1.6	-	3.0	2.0	1:1	0.4	5.0	-	TRACE	7.0	3.00	2.695	
OCT.		0.8		1.0	TRACE	1.7	0.4	0		TRACE	TRACE	3.0			7.	TRACE	:	TRACE		3.1	TRACE	1:1	9.	TRACE		TRACE	1.0	1001	1.274	837
SEP.		TRACE	TRACE		TRACE	0.	TRACE	0.	TRACE	0.	0.	TRACE	•	TRACE	0.	•	•	1.5	9.	•	TRACE	•	TRACE	TRACE	TRACE	TRACE	TRACE	.13	.413	810
AUG.		0	0	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	•	0.	0.	0.	TRACE	0.	0.	0.	•	0.	TRACE	000.	806
JUL.		0.	0		0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	•	•	0.	•	0.	•	TRACE	•	0.	0	0.	•	•	TRACE	0000	808
JUN.		TRACE		0		TRACE	0.	0.	TRACE	0	0.	0.	0.	0.	0.	0.	0	•		TRACE	0.	TRACE	TRACE	•	TRACE	•	TRACE	TRACE	000.	780
MAY		TRACE	TRACE	TRACE	TRACE	TRACE	TRACE	.2	TRACE	TRACE	TRACE	TRACE	2.5	TRACE		4.4	RACE	TRACE	TRACE	TRACE	TRACE	TRACE		TRACE	RACE	1.4	TRACE	.27	\$10.	1
APR.		20.5	2.4	•		~	0.			1.6				4.2	12.5	7.2		4.		4.		5.1			1.5	5.0	3.1	3.27	3.053	780
MAR.		2.8		6.		2.4	2.0	3.0	-	11.1	0	TRACE	1.5	1.0	5.0	2.0	12.4	0.9	3.5	1.5		3.0		* . *	2.0	4.9	TRACE	4.39	5.202	1
FEB.		1:7		9		10		1.2				10.8		3.3	1.	4.6		6.9		7.0		\$ · \$		1.0		.0	•	3.78	3.314	735
JAN.		11.8		2.0		3.5		4.3	1.3	5.7		5.3		2.1		20.1					9.	5.5		7.0	3.5	7.6	6.1	3.74	2.610	77
YEAR	0.00	1 25	53	34	55	26	57	98	55	09	19	29	63	40	63	99	67	68	69	10	17	72	73	74		16	11	MEAN	S. D.	TOTAL OBS.

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NAVWEASERVCOM

SNOWFALL

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FROM DAILY OBSERVATIONS

YEARS 49-77

KEFLAVIK, ICELAND

/BASED ON LESS THAN FULL MONTHS/

YEAR	JAN.		MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NO X	DEC.	MONTHS
64	0	0	TRACE	0	TRACE	۰.	0.	0	0	٠	0	1.0	SNOFA
90	0.	•	TRACE	2.4	5:1	0	0.1	0.	TRACE	0	0	TRACE	SNOFA
15	TRACE	6-1	TRACE	0.1	0.1	0	0.1	0.1					SNOFA
	* O												2 A A C C C C C C C C C C C C C C C C C
S. D.													

NAVWEASERVCOM

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SNOK DEPTH

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FROM DAILY OBSERVATIONS

DAILY SNOW DEPTH IN INCHES

49-77

KEFLAVIK, ICELAND

16201 STATION

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YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	MONTHS
64													
90													
									0	-4.			
25	20	20	•	*	0	ō	0	0	0	-	-	TRACE	20
53	1	2	*	•	0	0	0	0	0	7	9	10	10
34		~	2	-	0	0	0	0	TRACE	-	4	S	
55	-	-	•	0	TRACE	0	0	0	0	0	2	11	-
96	-	2	2	TRACE	0	0	0	0	0	-	1	4	
57	37	14	4	-	0	0	0	0	0	*	-	7	-
58	10	-	•	TRACE	0	0	0	0	٥	TRACE	•	0	10
50	2	•	38	2	0	0	0	0	0	RACE	0	0	36
00	-	-	12	TRACE	0	0	0	0	C	0	0	7	-
61	7	*	4	3	0	ā	0	0	0	0	2	0	
62	•	21	0	90	0	0	0	0	0	6	20	6	2
63	1	7	-	10	TRACE	0	0	0	TRACE	TRACE	*	in	IC
10	~	6	-	~	0	0	0	0	0	-	4	2	10
69	00	2	12	0	ō	0	0	0	0	TRACE	0	m	-
99	'n	*	~	4	M	0	0	0	0	TRACE	20	00	
67	80	==	17	-	0	0	0	0	0	-	22	23	N
99	10	5	14	80	0	0	0	0	0	0	-	-	7
69		~	*	TRACE	TRACE	0	0	0	-	TRACE	2		
10	•	11	8	TRACE	0	0	0	0	0	-	~	2	-
7.	7	7	1	~	0	0	0	0	0	0	-	11	_
72	00	-	*	~	0	0	0	0	0	-	N	120	
13	2	50	2	*	PRACE	0	0	0	0	-	4	5	
74	10	-	•	TRACE	0	0	0	0	0	TRACE	4	10	-
13	ō	~	1	-	O	O	0	0	0	0	2	_	
16	24	0	-	2	-	0	0	0	0	0	TRACE	0	23
11	2	TRACE	TRACE	7	TRACE	ō	ō	c	0	TRACE	^	-	
MEAN	7.1	5.7	6.9	2.8	.2	0	•	0.	0.		4.0	7.4	12.
S. D.	3.484	5.748	7.892	2.971	.613	0000	0000	000.	192	1.000	4.224	4.542	7.16
TOTAL OBS.	908	735	806	780	908	250	808	808	810	837	810	837	196

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SNOW DEPTH

FROM DAILY OBSERVATIONS

49-77

KEFLAVIK, ICELAND

/BASED ON LESS THAN FULL MONTHS/

TRACE 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	YEAR	JAN.	FEB.	MAR.	APR.	MAY	JON.	nor.	AUG.	SEP.	OCT.	NOV.	DEC.	MONTHS
TRACE 7 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1	64		TRACE	w -	0_	٥.	0.	0_	0.	0 -	0 -	0_	~ ~	SNO
TRACE 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	0	-	0		0	0	.0	0	0	0	0	-	SNO
TRACE 7 1 2 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		-	-	-	-	-	-	-	-	-	-	-	-	DAYS
	51	TRACE	٠.	,i ,-	~	٥.	0.	0	0.					SNO
MAN AKAN 5. O.		-	•	1	-	1	-	•	•					3
MEN S. O.														
MEAN S. D.														_
MEAN S. O.														
WEAN S. D.														
MEAN S. D.														
MEAN G. D.														
MEAN S. D.														
MEAN S. D.														
MEAN S. D.														
MEAN S. D.														
MEAN S. D.														
MEAN S. D.														
S. D.	MEAN													
	S. D.													

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# DAILY EXTREME AMOUNTS

16201 STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND STATION NAME

1949-1977

YEARS

FESRUARY

DAY	PRE	GREATEST			SNOWFALL
	INCHES	MM	DATE	INCHES	MM
-	1.25	32	1956	3.6	91
2	0.75	19	1975	0.4	102
8	1.08	27	1962#	10.8	274
4	64.0	20	1962	1.9	201
2	1.16	29	1956	3.5	89
9	1.45	37	1960	2.3	58
1	1.09	28	1953	0.1	25
8	64.0	12	1971		43
6	0.39	10	1976	3.9	66
10	96.0	24	1969	4.1	119
=	1.02	92	1961	6.3	236
12	1.31	33	1959	7.0	178
13	66.0	54	1953	1.6	41
4	0.80	20	1954	7.4	188
15	1.09	28	1954	6.9	165
16	0.57	14	1976	2.8	7.1
17	0.84	12	1974	1.2	30
18	0.55	14	1962	0.4	102
19	0.67	1.1	1972	3.6	16
20	0.73	19	1961	7.3	185
21	0.87	22	1959	1.4	36
22	0.82	21	1972	3.3	84
23	64.0	12	1963	2.0	51
24	0.64	16	1974	1.7	43
25	0.50	13	1971*	3.2	00
26	64.0	17	1972	3.1	64
27	1.15	59	1959	11.5	292
28	0.82	21	1961	1.9	48
29	69.0	16	1968	6.3	160
30					
31					
Month	1 4 8	37	490		

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PRECIPITATION SNOWFALL GREATEST	1976 1976 1976 1976 1976 1976 1976 1976
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 20 1972 4.0 102 19 1965 1.4 36 175 21 1958 3.0 76 175 21 1958 3.0 76 112 1976 2.0 51 24 1967 2.0 51 179 1967 2.0 102 1976 2.0 102 1976 2.0 102 1976 1976 1976 1976 1976 1976 1976 1976	-
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 20 1972 4.0 102 19 1965 1.4 36 175 21 1958 3.0 76 175 21 1958 3.0 76 112 1965 1.4 3.0 75 112 1967 2.0 51 179 1967 2.0 102 1976 1.3 3.3 84 15 1976 5.2 132 147 15 1976 5.2 132 147 1 1964 4.2 107 102 18 1976 7.0 178 147 1 19 1964 4.2 107 12 19 1964 4.2 107 12 19 1964 1.8 1976 1.8 19	
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 20 1972 4.0 102 175 20 1972 4.0 102 124 1965 1.4 36 124 15 1966 4.0 102 124 15 1966 4.0 102 124 15 1976 5.2 132 147 15 1976 5.2 132 147 15 1976 5.2 132 147 15 1976 5.6 168 15 1976 5.6 168 15 1976 5.6 168 15 1976 5.6 168 15 1976 1.8 197	-
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 21 1958 6.9 175 20 1972 4.0 102 20 1972 4.0 102 24 1957 2.0 51 24 1957 2.0 51 24 1957 2.0 51 14 36 15 1958 1.4 36 15 1958 1.4 36 15 1958 1.4 36 15 1957 3.1 79 102 15 1954 4.0 102 15 1954 4.0 102 15 1954 4.0 102 15 1954 4.0 102 15 1954 4.0 102 15 1954 4.0 102 15 1954 15 1955 6.6 167 1.8 46 15 1976 1.8 46	
MM DATE INCHES MM 20 1975 7.6 193 46 19 19 1956 1.8 46 175 20 1972 4.0 102 19 19 19 19 19 19 19 19 19 19 19 19 19	61
MM DATE INCHES MM 20 1975 7.6 193 19 1956 1.8 46 21 1958 6.9 175 20 1972 4.0 102 19 1965 1.4 36 19 1965 1.4 36 12 1976 2.0 51 24 1957 4.5 114 28 1961 6.0 152 21 1958 1.4 36 12 1967 3.1 79 11 1967 3.1 79 11 1964 4.2 107 19 1964 4.2 107 19 1964 6.2 107 19 1964 6.2 107 19 1964 6.2 107	1.6
MM DATE INCHES MM 20 1975 7.6 193 21 19 1956 1.8 46 22 1974 3.0 76 22 1972 4.0 102 21 1958 5.9 175 22 1965 1.4 36 24 1957 4.5 114 25 1957 4.5 114 26 1967 2.0 51 26 1967 3.1 79 27 1967 3.1 79 28 1961 6.0 152 28 1961 6.0 152 29 1967 3.1 79 20 1967 3.1 79 21 1967 3.1 79 21 1976 4.2 107 21 1976 6.6 168	161
MM DATE INCHES MM 20 1975 7.6 193 46 19 19 1956 1.8 46 175 21 1958 6.9 175 20 1972 4.0 102 19 1965 1.3 33 34 12 1976 2.0 51 14 21 1957 4.5 114 36 15 1951 6.0 152 4 1957 4.5 114 36 15 1951 6.0 152 4 1957 4.5 114 36 15 1951 6.0 152 4 1957 6.0 152 4 1957 6.0 152 4 1957 6.0 152 4 1957 6.0 152 4 1957 6.0 152 4 1957 6.0 152 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 4 1957 6.0 102 107 1957 6.0 102 107 1957 6.0 102 107 1957 6.0 102 107 1957 6.0 102 107 1957 6.0 102 107 1957 6.0 102 107 1957 6.0 102 107 107 107 107 107 107 107 107 107 107	195
MM DATE INCHES MM 20 1975 7.6 193 46 19 191956 1.8 46 175 21 1958 6.9 175 20 1972 4.0 102 12 191959 1.4 36 12 1956 1.4 36 15 15 1956 1.4 36 15 15 1956 1.4 36 15 15 1956 1.	161
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 20 1972 4.0 102 19 1965 1.4 36 12 19 1965 1.4 36 12 19 1965 1.4 36 12 19 1961 6.0 152 16 19 1961 6.0 152 19 1961 6.0 152 19 19 19 19 19 19 19 19 19 19 19 19 19	161
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 21 1958 6.9 175 20 1972 4.0 102 19 1965 1.4 36 15 24 1957 4.5 114 21 1958 3.0 76 15 24 1957 4.5 114 36 15 1958 1.4 36 15 20 1967 3.1 79	195
MM DATE INCHES MM  20 1975 7.6 193  21 191956 1.8 46  21 1958 6.9 175  20 1972 4.0 102  11 1965 1.4 36  21 1958 3.0 76  22 1958 3.0 76  24 1957 4.5 114  21 1958 1.4 36  24 1957 4.5 114  21 1961 4.9 124  4 15 1961 4.9 124	161
MM DATE INCHES MM 20 1975 7.6 193 21 1916 1.8 46 21 1974 3.0 76 21 1978 6.9 175 20 1972 4.0 102 21 1965 1.4 36 21 1976 2.0 51 22 1976 2.0 51 24 1957 4.0 152 25 1951 6.0 152	197
MM DATE INCHES MM 20 1975 7.6 193 21 1916 1.8 46 21 1974 3.0 76 22 1972 4.0 102 4 14 1965 1.4 36 10 1958 3.0 76 11 1976 2.0 51 24 1957 4.5 114 21 1958 1.4 36	197
MM DATE INCHES MM 20 1975 7.6 193 21 1916 1.8 46 21 1974 3.0 76 22 1972 4.0 102 20 1972 4.0 102 20 1972 4.0 102 20 1976 2.0 51 21 1956 3.0 76 22 1957 4.5 114	196
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 21 1958 6.9 175 30 76 10 1972 4.0 102 19 1965 1.4 36 10 1958 3.0 76 10 1958 3.0 76 10 1958 3.0 76 10 1958 3.0 76 10 1958 3.0 76 10 1958 3.0 76 114	161
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 21 1958 6.9 175 20 1972 4.0 102 19 1965 1.4 36 15 15 15 15 15 15 15 15 15 15 15 15 15	197
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 21 1958 6.9 175 20 1972 4.0 102 19 1965 1.4 36 10 1958 3.0 76	1950
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 175 21 1958 6.9 175 20 1972 4.0 102 119195 1.4 36 1.3 33	1970
MM DATE INCHES MM 20 1975 7.6 193 46 19 1956 1.8 46 21 1958 6.9 175 20 1972 4.0 102 4.14 1965 1.4 36	195
MM DATE INCHES MM 20 1975 7.6 193 5 19 1956 1.8 46 7 18 1974 3.0 76 9 21 1958 6.9 175	1958
MM DATE INCHES MM 20 1975 7.6 193 45 19 1956 1.8 45 1 18 1974 3.0 76 1.5 21 1958 6.9 175	197
MM DATE INCHES MM 20 1975 7.6 193 5 19 1956 1.8 46 2 18 1974 3.0 76	961
MM DATE INCHES MM 20 1975 7.6 193 5 19 1956 1.8 46	197
MM DATE INCHES MM	197
MM DATE INCHES MM	197
	DAT
MONTH	

\* ALSO ON EARLIER YEARS

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

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#### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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KEFLAVIK, ICELAND

STATION 16201

1511

12595 11981

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STATION NAME

MARCH

			MO	MONTH		1
,	RA	PRECIPITATION GREATEST	NO.	SS 50	SNOWFALL	
1 40	INCHES	MM	DATE	INCHES	MM	-
	0.56	14	1959	5.6	142	1959
	09.0	15	1968	0.9	152	196
	0.61	15	1963	4.3	601	196
	1.69	43	1974	11:1	282	196
	5.69	68	1959	25.0	633	195
9	0.55	14	1977	3.0	16	195
	0.88	22	1961	2.8	71	1969
	1.70	43	1972	1.2	30	1961
	0.72	18	1974	5.4	19	1961
01	0.46	12	1961	4.6	117	196
	0.86	77	1975	2.5	69	1.5
12	29.0	16	1953	3.6	16	197
13	1.24	31	1961	12.4	318	1961
14	0.10	18	1969	4.7	611	196
15	0.67	17	1969	6.3	160	19
31	1.81	94	1969	3.5	68	19

1949-1977

YEARS

MONTH APRIL

PRECI	INCHES	-	0.75	16.0	1.09	0.58	64.0	0.52	1.19	0.62	0.53			49.0	0.58	1.25	1.10	96.0	0.73		96.0	1.23				0.76	0.31		64.0	0.55	1.00	
PRECIPITATION GREATEST	MM	24	6.	23	28	15	12	13	30	10	13	20	25	16	15	35	28	6	19	6	10	31	16	13	52	19	20	13	-	*	52	-
NO	DATE	1972	1966	1958	1963	1950	1956	1974	1974	1976	1971	1977*	1968	1962	1970	1965	1960	1973	1954	1974	1966	1968	1969	1961	1968	1958	1974	1972	1961	1970	1970	
S O	INCHES	5	7.2	5.5	3.2	2.8	2.2	0.0	8.1	2.6	1.7	5.3	9.4	1.4	5.1	12.5	0.6	2.0	0.1	6.0	2.0	0.2	0.5	6.0	0.3	0.7	•	5.4	•	1.0	0.1	
SNOWFALL	MM	140	183	63	81	11	99	15	902	142	43	135	117	36	130	317	229	21	25	23	51	2	13	23	80	18		19	-	52		
	DATE	1962	1966	1973	1961	1961	1965	1954	1962	1976	1963*	1963	1963	1975	1965	1965	1963	1971	1961	1961	1958	1967	1958		1958	1960	1975*		19734	1975	1975	

1976

163

16 1976

99.0 0.53

16 17 1966

5

1976

99

2.6

17 1971

0.75 09.0

19.0

18 19 20 1952

1976

1961

137 43 127

0.39

22 23

21

0.46

24

25

56

1.10 0.26

16 1971

5.4 2.0 2.0 2.6

1968

99

1968

3.4 2.0

1974

99.0

29.0

0

0.71

28 29 30

27

0

1461 6

1965

127

1965

1953

155

6.1

13 1966

1961

1.4

22

0

1

\* ALSO ON EARLIER YEARS

1959

635

6861 89

69.7

Monthly

31

1969 1961

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

# DAILY EXTREME AMOUNTS

KEFLAVIK, ICELAND

16201 STATION

12295 (1981

1511

1

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME

MAY

MONTH

1949-1977

YEARS

JUNE

DATE

N

INCHES

DATE 17 1957

MM

O.68

DAY

SNOWFALL

PRECIPITATION GREATEST

J.	DATE	1970#	1973*	1977	1975						1973		1973				1972	1959															1977
SNOWFALL	MM	-	-	-	-						-		-				-	-															-
80	INCHES	-	-	-	-						-		•				•	•															-
Z	DATE	1957	1974	1970	1969	6961	1959	1966	1976	1956	6961	1966	7261	1961	1970	1970#	6961	6961	1960	6961	1962	1977	1964	1960	1970	1964	1961	1975	1962	1969	1962		1960
PRECIPITATION GREATEST	MM	15	0	13	12	=	6	15	1.1	1.1	12	10	12	35	10	15	18	83	10	17	œ	28	13	64	20	6	0	19	15	13	25		43
PRE	INCHES	0.60	0.37	0.59	0.40	24.0	0.35	0.59	19.0	19.0	24.0	69.0	64.0	1.37	0.38	09.0	0.71	0.33	0.40	99.0		1.09		1.69	0.77	0.34	0.25	0.75	0.58	19.0	1.00		1.69
	DAY	-	2	8	4	20	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

+		2 0.	0	4 0.	0	0	7 0.	0	0	0	11 0	12 0.	13 0.	14 0.	15 0.	16 0.	17 0.	18 0	19 1.	0 0	0	22 0.	3 0.	24 0.	1.	26 1.	0 0	28 0.	0 6	0 0	0
NCHES	90	7.5	21	.05	25	60	51	21	57	99	21	53	1	33	69	4.3	0	33	10	31	33	45	20	84	20	29	53	35	30	63	80
MM	11	18	13	17	13	18	13	13	1.4	14	18	13	1.38	00	23	12	18	6	27	co.	80	11	13	12	30	14	13	22	63	54	20
DATE	1661	1970	1975	1975	1973	1976	1953	1975	1969	1961	1962	1975	1976	1956	1961	1973	1970	1964	1970	1965*	1965	1954	1970	1952	1963	1970	1970	1966	1968	1968	1974
INCHES	7.0	1.2	2.2	8.0	1.0	1.4	0.2		500	-	-	•	-	•	-	•	•		-	•	•	•	-	•	•	•	•		•	-	•
MM	0	30	96	20	1 3	36		50	19	-	-	-	-	-	-	-	-		-	-	1	-	-	-	_	-	-		-	-	-
DATE	1703	1963	1963	1963	1976	1976	1963	1973	1966	1966#	1977#	1977*	1975#	1971*	1962*	1975#	1975		1958#	1971	1971#	1960	1961	1961	161	1971#	19734		1970	1970	1970*

0

0

• ALSO ON EARLIER YEARS T — TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

0

0

0.28

9 1 0.88

0

8

1.27

7 1974

18 1975

0.50

4 S

14.0

0.78

13 14

0.61

15

0.31 16.0

16

17 1973

19 1979

44.0 0.65

0.47

10

: 12 1972

38 1976

12 1972

0.40

18 19 20

17

23 1961

1

I

4 1972\*

43 1977

1.70

27

1.03

28 53 30

19.0

3.39

Monthly

86 1966

3.39 1.13

1001

22 23 24 25 56

29 1954

26 1969

30 1961

1.07 1.19

21

0.81

1.51

# DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND STATION 16201

STATION NAME

MONTH

JULY

1949-1977

YEARS

AUGUST

DATE SNOWFALL MM INCHES MONTH 1970 DATE PRECIPITATION GREATEST Z DAY

0.48

0.47

PREC	INCHES	0.55	0.34	14.0	69.0	0.36	66.0	25.0	0.67	66.0	0.23	0.20	0.54	0.44	11.11	0.37	69.0	1.11	0.19	0.50	10.1	0.59	84.0	0.54	0.74	0.54	0.77	99.0	05.0	0.58	0.37	69.0	1:11
PRECIPITATION GREATEST	MM	14	6	12	16	6	10	11	17	25	0	1	14	11	28	6	17	28	5	13	56	1.5	12	14	19	14	20	16	13	15	6	17	28
Z	DATE	1964	1969	1970	1977	1955	1954	1966	1961	1977	1954	1973	1956	1956	1971	1972	1970	1977	1974#	1954	1960	1966	1977	1964	1957	1955	1972	1962	1973	1964	1963	1975	1977*
S	INCHES																										•						-
SNOWFALL	MM																										-						-
	DATE																										1971						1661

0

0

0

0

0

0

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD \* ALSO ON EARLIER YEARS

1972

DIRNAVOCE ANMET - SMOS

0

12895 //981

C

1973\*

1957

102

1957

25

1962

127

1969

1977

25

1962

127

# DAILY EXTREME AMOUNTS

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

STATION 16201

STATION NAME

SEPTEMBER MONTH

DATE 1950 SNOWFALL M INCHES 1965 PRECIPITATION GREATEST MM 09.0

DAY

C

1966

69.0

84.0

1.30

4

3

1949-1977

YEARS

OCTUBER MONTH

1971# 19561 1969# 1976# DATE SNOWFALL MM INCHES 13 1969 1961 PRECIPITATION Z 0.50 66.0 DAY e 4

9 1.8 0.5 11 19634 1959\* 15 1969 25 1957 1963 31 1970 0.60 0.52 0.45 1.23 0.32

> 2 9 1 œ 6

> > 1955

1977

1968

1975 1967

04

1.56

0.47

69.0

1973

24

96.0

1.51

9 1 œ 6 10 = 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

0.61

2

1976#

1968\*

1957\*

1953 1953

0.5 0.5 0.2 21 1970 20 1972 35 1952 21 1969 1661 6 34 1971 1,36 0.78 1.35 0.34 0.82 0.83

0

1976

1975

1954 1974 1962

1969

21

0.84 0.83 0.68

22 1974

0.86

69.0

18 1967

=

12 5 4 15 17 18 19 2 2

1976#

1964

1976#

1963 1967

30

1953

1.2 1.6 33 1965 23 1964 25 1965 16 1954 13 1958 0.89 66.0 1.30 0.50 99.0

1962\*

1969

1954

1975

1971

1956

0

19 1952

1961 1973

19 1965

0.76 1.56 0.75 1.51

33 1962

17 1971

0.66

1.31

0.66

22 1955 0.85 1.39

973\*

1974 1974#

1954

41

24 1965

20 1965

23 24

1973\*

1969

1954

0.2

0.3

55 1959

2.18

09.0

1.23 16.0 1961

25 1973

22

19714

1975

1974

0.71

25 56

1957#

25

1.0

1970

4

3.1

1957

51

1957

16

1991

8.0 2.0 3.0

> > 27 28

19774 1968

1969

4

1.6

1957

20

0.80

0.47

24 1970

17 1955

0.68

66.0

12 1962

0. 0.4 9.0 5.0 0.1 15 1976 18 1971 1.25 0.71 0.65

35 1974 1.39 0.61 0.10 1.17

Monthly

30 31

53

· ALSO ON EARLIER YEARS

1969

4

1.6

55 1959

2.18

Monthly

0

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

# DAILY EXTREME AMOUNTS

1949-1977

STATION NAME

NOVEMBER MONTH

KEFLAVIK, ICELAND

YEARS

DECEMBER

MONTH

DATE 1953 1969 1960 916 1961 1951 1967 1966 SNOWFALL 140 43 102 168 224 147 MM 4.0 4.7 INCHES DATE 19 1966 37 1960 14 1953 1967 21 1968 17 1967 1/61 12 17 1951 PRECIPITATION GREATEST Z 0.55 0.75 1.06 99.0 0.81 99.0 1.45 0.81 DAY 2 9 m 1 œ

2.0 30 1968 1.20 66.0

1954#

1966 1966 1953 1966

66

3.9

21 1966

14.0 96.0 1.02 1.39 0.84 1.39 19.0

14

13

15

16 17

4

1.6

4.4 2.3 3.0

1974

9.0 2.2

0.65

10

1.00 0.81

12

=

0.83

0.38

6.3 127 58

-

1959

1954 1959

3.0

3.1

21 1956

27 1952 0/61 0 7 1965 21 1973 25 1975

1.06

œ 6

68 1973

1973 6961 144 1959

6.0

1975#

24 1975

0.83 1.26

INCHES

MM

DAY

101

1.5 3.5

12 1956

64.0 1.88 0.82

2 9

4

SNOWFALL

PRECIPITATION GREATEST

1974

1971

1972

9.3 3.5 3.7 45 1976 39 1964 25 1970 2/61 42 1.76 1.53 0.40

15

16 17

1973 1964 1977

13 14

1977

1959

8 69

1975

1955 1954 1962

16 76 96

1957

61

1975

236

145

0.57

19 20

1966

127

5.0 3.0 7.5

1956

06.0 1.19 1.50 16.0 29.0 2900

21

22

24

0

25 26

23

35 1958

19 20

18

19

5.4

1963 1965 1966

> 101 33

> > 1.3 1.9

18

1953 5961 12

13 1968

99.0

22

23 24 25 26 27 28 29

1.07

21

0.50

1968

2

1972

16

3.6 3.0

> > 0.74 0.80

1968

1961

1.5

38 1957

1962

157 307 274

2.0

9.1

1975

4.8 38 4 1967

8.01 0.0

27 1962

1.08 0.78

12.1

27 28

31 1967

1961

1961 1961

48

16.0

1

1974

203 155 147 157

1975 1966

1966

142

9.0 8.0

1975

132

1975

1967

0.58 29.0 0.52 2.50

30

63 1955 2.50

Monthly

1961

307

1.2.1

48 1973

1.88

Monthly

31

30

29

31

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

· ALSO ON EARLIER YEARS

1975

236

6.6

127

DIRNAVOCE ANMET - SMOS

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

7

12095 11981

STATION 16201

#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. selected and printed. These values are then used to compute means and standard deviations for the entire column.

According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

SURFACE WINDS

FROM DAILY OBSERVATIONS

55-77

KEFLAVIK, ICELAND

16201 STATION

0

0

YEARS

# DAILY PEAK GUSTS IN KNUTS

ZY	+	. FB	MAR.	APR.	MAY		Ž ,	JUL.	AUG.		SEP. O	OCT.	NO N	DEC	MONTHS	THS
	ENE	56	63		ESE	20	8			18 SE	1	1				
			26		52W	564	SOSE			BONNE			70M	1 67		
ESE.	63EN	5 3E	5E 43	1	4ESE	59E	350			ESZE.	1				-	*
	13NE	-	33		NO	NA NE				375E					DOT NAMED OF	
	505	10MS	3	1	3ESE	N65				SESE			-			
	40551	5			356	44SE			332	BESE					SE	55
ESE	665W	9	3	SANNE 3	375E	46E	30		1	SOSE		3525	53	1		1
	WI 9	63			BNNE	40SS		42	141	SESE	67SE				-	
	NIG	59			ZNNE	49NNE		64		12ESE	70SE					
	484		***		WZ O	NO T				3	STES		•••			
	SIMS	60			9ESE	375	1			SSE	4855			1		
	60NN	455			LESE	42SE				46.5W	4 SES					
	SMSS		×	1	NNNO	30SE				368	45SE		-			
	N40		54		2 SE	56SE				16ESE					n constant	
	SANN	-	N 58		7SE	40ESE			-	NABS			1			
	SHES		63		40ESE	555E			43SE	36 S S E	SASE			× 58	ESE	N 05
	5025	632	10		236	5214		1		1313						
	6017	641	3 56		412	5235				5713	6424				THE COURSE	
	5925	712	69	1	635	4221	1	1	1	1114	8114	1	1	1	L	
	15	34			12	4618				8044	4127					
	6314	711	15 2		610	4164				1725	3714				L	
12	5313	6110		5825 3	410	4412				619	5006			3 66	13	1 67
	2210	4235			513	2008				5813	3918	1	1		_	
5	6.	58.5	54.9		5 40	4	-	39.4	3	-		54.3	96.9	89.8		5.99
7.7	61 8		6.886	6.1	1	34 5	877	5.786	80	22211.	507 8.	345	6:410	6.99		9.
9	6	620	680	9	27	13	650	189			SHB	1	200	4 11		0

NAVWEASERVCOM

0

9

SURFACE WINDS

FROM DAILY OBSERVATIONS

YEARS 55-77

KEFLAVIK, ICELAND

16201 STATION

0

/BASED ON LESS THAN 90% DBSERVATIONS FOR MONTH/

0

NAVWEASERVCOM

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1 2

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ZAT	HONTH	00	NOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLASS	CONDITION
CEFLAVIK, ICELAND	STATION NAME			

SPEED (KNTS) DIR.	£:-	• •	7 - 10	91 . 11	17 . 21	22 . 27	28 - 33	34 - 40	41 . 47	48 · 55	% AI	,	WIND
z		1.	1.	1.3	2.0	1.3	. 7	.7				7.2	19.0
Z Z	1.	1.3	2.6	5.2	2.6	F						15.0	15.4
w Z		2.0	1.	2.0	2.0	1.3						7.8	13.6
ENE		2.0	3.3	2.0								7.8	9.8
		1.3	2.6	1.3	2.0	. 7						8.5	11.5
ESE		1.	. 7	2.0	2.0		. 7					0.0	14.8
SE		2.0	.7	1.	2.0	.7	143					20	14.9
SSE		1.	. 7	1.3	. 7							3.9	13.7
			2.6		2.0	1.3						9.2	14.0
SSW			2.0	2.0	. 7	. 7						5.0	13.3
SW.			1.				. 7					3.3	15.0
WSW				3.3	2.6		. 7		.,			7.8	18.9
*				2.0	. 7	. 7						3.3	15.8
WWW				1.3	. 7							2.0	14.7
X												. 7	11.0
NNW		. 7		1.3								2.0	10.0
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	1.3	
	2.0	12.4	17.6	30.7	20.9	100	3.0		1.3			100.0	14.2

0

1

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

1111

Q

NOURS (L.S.T.)

MONTH

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL MEATHER CONDITION KEFLAVIK, ICELAND

(KNTS)	1.3	• •	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	VI 85	*	MEAN WIND SPEED
z		0.	7.0	3.2	0.	9.	1.3					4.00	15.2
NNE		0.	3	3.9	3.9	1.3		1.3				14.3	16.4
NE		1.9	1.9	0.		9.						6.9	11.5
ENE	9.	1.3	3.5	1.9	1.3							4.8	10.2
F	0.	1.3	2.0	3.5	3.5	9.						13.6	12.8
ESE	9.	9.	1.3	9.	9.	1.3						5.2	13.5
SE		9.	1.9	9.		9.						5.5	16.1
SSE			en.		9.	9.						2.6	14.5
s	9.	1.9	1.9	4.5	1.3							10.4	11.3
SSW			9.	9.	1.9	1.3						4.5	17.3
SW			1.3	9.	1.3	6.1						5.5	17.9
WSW			9.	1.9	9.	•						3.9	14.8
*				1.3			1.9		9.			5.2	28.8
WNW	••		0.	9.	1.3	9.						3.9	14.7
××													
NNN				1.3								1.3	13.5
VARBL													
CALM	X	$\bigvee$	X	X	X	X	X	X	$\bigvee$	X	$\bigvee$	1.3	
	3.2	9.1	22.7	27.3	18.2	10.4	4.5	2.6	9			100.0	14.4

7

DIRNAVOCEANMET SMOS

12595 62184

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1526

1

0

0

0

16201 STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

STATION

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAL	HONTH	90	HOURS (L.S.T.	
73-77	YEARS	ALL MEATHER	CIASS	CONDITION
FLAVIK, ICELAND	STATION NAME			

SPEED (KNTS) DIR.	1.3	*:	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	% Al	•	*
z			2.6	9.	1.3	2.6						1	-
W.X			2.5	6.5	3.0	g.	1.3					14.	0
¥	9.	5.1	1.9	1.3	1.53							7.	-
ENE	9.	1.3	3.9	3.2	1.0	9.	9.					12.3	50
	1.3	1.3	9.	1.9	2.0			9.				6	~
ESE		3.2	9.	1.3	9.							50	co
SE		1.9	1.3	9.			1.3					5.2	N
SSE				2.6			9.					4.5	125
•		٥.	3.9	6.7		0.	9.					20	0
SSW		9.	9.	1.3	3.5		9.					6.5	5
AS.				1.3	0.	9.	9.					3.2	N
WSW	9.	1.3	1.3		1.3	1.3						5.	00
*			9.	1.9	1.3		9.	9.	9.			3	CO
WNW													
WW			9.	9.			9.					1.	0
MNN			9.				9.					1.	3
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	X	M	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	•	0
	3.2	12.3	21.4	25.3	18.2	9.1	7.8	1.3	9.			100.0	0

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DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

THE REAL PROPERTY.

NAL

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 KEFLAVIK, ICELAND

NOURS (LS.T.) ALL MEATHER

SPEED 1.3 4.6 7.10 DIR.	1.3 1.9	0. I.9		ENE .0 1.9 3.9	E 6 1.9 1.3	ESE 3.2 1.9	d. as	o. 6.	s .6 3.2	ssw 1.3 1.3	e. 1 . 6 . 1 . 5	WSW	\$. 0. A.	WNW	g. MN	0. 0. WNN	VARBI	CALM	
11 . 16		5.8	1.3	1.9	4.5		1.3	6.1	1.9	1.9	0.		5.6		••			X	21. 7
17 - 21	•	1.0	9.	2.0	2.6	•		9.	1.3	0	9.	9.	9.		9.			M	
22 - 27	1.9	0.7	•	6.1	1.9		1.3	9.			9.	1.3						X	
28 - 33	1.3	0.	•		9.	9.						9.	9.					X	
34 · 40			9.									0.	1.3					X	4
41 . 47																		$\bigvee$	
48 - 55																		$\bigvee$	
8 Al																		$\bigvee$	
*	7.1	12.3	7.1	13.0	13.6	6.5	3.2	4.5	7.8	6.5	3.9	3.2	7.1	9.	1.9	1.3		0.	
MEAN WIND SPEED	16.9		16.3		14.5	10.1	17.0	13.9		16.3	12.8	27.2	17.5	0.9	-	7.5			

154

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

1550

16201 STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

16201

0

12 HOURS (LST. Z A Z YEARS ALL WEATHER CONDITION KEFLAVIK, ICELAND

SPEED 1 · 3 DIR.	z	NN.	¥	ENE	w	ESE	35	SSE	•	SSW	SW	WSW	*	WNW	WM	NNW	VARBL	CALM	
	6			6.1	9.	0		0	9.	9		-							
• :	1.3	0.		5.6	1.3	1.9	9.		0.			9.	9.					X	
7 . 10	1.3	2.6	1.3	1.9		1.3	9.	0.	1.3		0.			1.3				$\bigvee$	
11 . 16	1.3	2.6	1.9	3.9	1.3	1.3	2.6	1.9	2.6	1.3	9.	1.9	9.		9.	9.		X	
17 . 21		2.6	0.	1.3	4.5				1.3		CO • 1	9.	0.	9.				$\bigvee$	
22 - 22	3.9	1.3	1.3	1.9	9.	1.9	1.3	•	9.		9.	1.3	9.	9.				$\bigvee$	1
28 · 33		9.		1.3		1.3				9.		1.3	9.					$\bigvee$	
34 . 40		1.3								9.			9.					$\bigvee$	
41.4																		$\bigvee$	
48 - 55																		$\bigvee$	
% AI																		$\bigvee$	
,	8.4	11.7	5.2	14.3	6.7	9.1	5.2	4.5	7.1	3.2	3.2	5.8	3.0	2.6	9.	9.		4.5	
WEAN WIND SPEED	15.3	17.9	14.5	13.8	13.6	15.1	14.6	12.0	13.4	19.2	16.8	19.1	20.8	14.8	12.0	13.0			

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

0.0

1

TOTAL NUMBER OF OBSERVATIONS

4.4

0000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL

73-77

YEARS

WEATHER CLASS

15 HOURS (LS T.)

MONTH

CONDITION

17 . 21	17	11 . 16 17
0	0.1	
		3.5
1.3	.6 1.3	,-1
	1.3	-
9.	1.0	
9.	9.	9.
63	1.3	4.5 1.3
9.	2.6 .6	
LEF	140	.0
9.	9. 0.	
6.1	6.	6.1
.3 1.3	1.3 1.3	
9	4.	4.
		9.
.2 13.0		1 2 2 2

SMOS DIRNAVOCEANMET

20

1550

KEFLAVIK, ICELAND

16201

0

WNW

\*

NNK VARBL

CALM

ž

0

0

SSW WSW WSW

s

SE SE SSE

0

1.3

SPEED (KNTS) DIR.

N. Z Z

z

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

16201

D

C,

YEARS

ALL WEATHER

18 NOURS (LS.T.)

MAN

CONDITION

SPEED (KNTS) DIR.	:	• •	7 . 10		17 . 21	22 - 27	28 - 33	34 · 40	41 . 47	48 - 55	X1 X2	*	
z		9.	1.9	1.9	2.6	0.	.0					60	4.
Z		1.9	2.6	1.3	3.9	1.3	9.	1.3				12.	0
N.		1.3	1.9	5.6	3.1	9.						5.3	3
ENE	1	1.3	6.1	5.6	1.3	9.	9.		9.			0.6	0
	1.3	1.9	3.2	1.3	1.3	9.						•	-
ESE	0.	1.3	9.	9.		1.3	0.	9.				ur:	C
35		0.	9.	9.	5.1		9.					4.5	S
SSE	c.		1.3	-	1.0	9.						5.8	ne:
•		2.6	9.	9.	1.5	1.9						7.1	-
SSW			1.3	3.2	1.3	9.						6.5	-
SW			9.	1.3	1.0		9.	9.				5.2	es.
WSW	¢.	1,3	1.3	1.3	9.		1.3					6.5	-
*			9.	1.3	1.3	9.	9.					*	1
WNW			9.			1.3	9.					2.6	-0
NW			9.	9.								1.	m.
NNN		9.										•	0
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	1.	-
	3 2	13.5	20.0	30.6	21.3		W. Y	4 0	9			100.0	-

TOTAL NUMBER OF OBSERVATIONS

155

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0.0

DIRNAVOCEANMET SMOS

15.8

MEAN WIND SPEED

11.7

12.8

11.2

12.0 15.4

10.3

16.

17.5

19.5

13.7

WNW

\*

NN X VARBL CALM

WSW

SSW SK 155

TOTAL NUMBER OF OBSERVATIONS

14.5

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

であ

SURFACE WINDS

WEATHER CLASS ALL

21 NOURS (L.S.T.)

MONTH

YEARS

73-77

STATION NAME

KEFLAVIK, ICELAND

16201 STATION

0

CONDITION

SPEED (KNTS) DIR.

Z Z Z

z

-0 0

ESE SSE 8

4,

4 - 0 100.0 10.3 2.5 1.9 0 7.1 12 48 . 55 41 - 47 1.3 2.6 9. 34 - 40 . 0 0.0 3.5 28 . 33 9.0 000 1.0 6. 5 13.5 22 . 27 2.0 1.0 00 1.9 0 1.9 1.3 18.7 1.3 17 - 21 1.30 2000 0.00 23.9 0 11 . 16 12000 1.9 24.5 0 7 - 10 0.6 0000000 4. 4.6 6.0 0 1.3

SMOS DIRNAVOCEANMET

0 m

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

16.4

16.1

13.3

13.2 13.4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL NEATHER

73-77

KEFLAVIK, ICELAND

16201

YEARS

ALL HOURS (LST.)

MONTH

CONDITION

SPEED (KNTS) DIR.

Z z Z

0 0 0

6.2 10.0 2001 4. 2.00 6.4 8.1 8 12 48 · 55 . . : • : 41 . 47 34 - 40 7.0 9. 9. 2. 120 . 33 28 ... 0 . 9. 4 3 3 5 4 . 3 0 22 . 27 1.5 5.4 • . 1.3 0 6. 1.1 7: 17 - 21 20.40.2. 3.6 1.3 1.7 11 - 16 2.6 2 1 6 1:1 1.0 2.1 7 - 10 .... 30.

14.4

13.0

15.0

17.1

14.4

DIRNAVOCEANMET SMOS

1233

TOTAL NUMBER OF OBSERVATIONS

14.

100.0

5.4

5.5

11.8

17.9

24.7

20.3

12.2

3.4

NW VARBL

CALM

0

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\* ××

WSW

3×

SSW

s

2 2 2

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

0

5702 SURFACE WINDS JAN 78

SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 WEATHER ALL

HOURS (L.S.T.

FE B 00

CONDITION

23.4 23.4 20.6 12.8 3.5 4.3	SPEED (KNTS) DIR.	£:-	• •	7 - 10	11 . 16	17 - 21	22 . 27	28 . 33	34 - 40	41.0	48 . 55	8	,	WIND SPEED
1.4 2.1 2.1 .7 1.4 .7 .7 1.4 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	z		1.4				.7		7.				3.5	16.4
1.4	NNE		1.4			1.	1.4		. 7				8	15.8
1.4 1.4 1.4 3.5 1.4 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	Z.						.7						12.8	12.7
1.4 1.4 3.5 1.4 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	ENE		2.8		.7	.7							10.6	9.2
1.4 1.4 3.5 1.4 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7			2.1	.,	2.8	~							9.2	14.9
1.4 1.4 3.5 1.4 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	ESE				2.8								4.3	14.0
1.4 1.4 1.4 3.5 1.4 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	SE			. 7	.7	4.3		1.					4.0	18.3
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	SSE	1.4		1.4									9.2	13.8
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3			.,	7.4		. 7	2.1		. 7				9.2	16.7
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	NS.			2.1			2.1	. 7					9.2	15.8
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	3K			. 7	1.	1.4	* . !		-				5.7	21.5
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	WS.A					1.	2.1		4.				5.0	28.1
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	*			1.4	1.	1.4							3.5	14.0
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	XX					. 7							1.4	14.0
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	×													
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	N				1.									11.0
1.4 9.9 23.4 23.4 20.6 12.8 3.5 4.3	ARBL													
23.4 23.4 20.6 12.8 3.5 4.3	ALM	$\bigvee$	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$		
		1.4	6.6	23.4	23.4	20.6	12.8	3.5	4.3				100.0	15.3

141

TOTAL NUMBER OF OBSERVATIONS

1

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1526

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16201

KEFLAVIK, ICELAND

141

TOTAL NUMBER OF OBSERVATIONS

13

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NOVES (L.S.T.)

F F B

YEARS

73-77

STATION NAME

KEFLAVIK, ICELAND

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WEATHER CONDITION ALL

14.4 14.2 11.9 21.8 25.9 15.7 20.1 8.5 20.7 15.8 MEAN WIND SPEED 11.3 5.7 100.0 1.4 5.7 4.3 \* 12 48 . 55 41 . 47 4.3 2.1 34 - 40 2.0 1.4 1.4 . 28 . 33 4.1 . 4. 2.1 2.1 13.5 22 . 27 1.6 1 . 4 1.4 2.8 41-17.7 2 . 1 . 17 - 21 2.8 2.8 4.3 4. 27.7 . 11 . 16 4.2.4 17.7 1.4 2.1 . 7 - 10 2.1 12.1 1.4 2.1 2.1 . . 4.0 1.3 WNW N N VARBL Z SSW WSW CALM 35 SE SE ENE ¥ 38 \* . s

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 0 0

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141

TOTAL NUMBER OF OBSERVATIONS

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8

0 5702

0

SURFACE WINDS

101

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

ALL MEATHER

YEARS

HOURS (LS.T.)

FEB MONTH

CONDITION

16.0 17.4 13.4 15.4 14.8 24.5 12.5 19.0 15.3 15.2 MEAN WIND SPEED 402 8.0 0 100.0 7.1 8 12 48 - 55 4 7 3.5 9 3 2.1 1.4 4.9 . . . 33 28 1.4 2.1 1.4 1 . 4 4 4 . 12.8 . 27 22 5.0 1.4 4 4 4 . 14.2 17 - 21 . 29.8 3.5 3.5 2.7 11 - 16 1 3.5 1.4 2 . 1 19.1 • 7 - 10 2.1 . 7.4 1.4 2,1 2.8 1.3 SPEED (KNTS) DIR. WSW WNW NN. VARBL NN SSW CALM Z Z ž ESE SSE S¥.

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DIRNAVOCEANMET SMOS

1552

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16201

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SURFACE WINDS

0 1 10

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

16201

1550

ALL WEATHER

YEARS

HOURS (LS.T.) FE B

CONDITION

34 - 40	. 7	
28 · 33	. 7	
22 - 27		
17 - 21		2 . 1
11 . 16	1.	
7 . 10	1.4	1.
• •		

0

0

SPEED (KNTS) DIR.	-:3	• •	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 . 47	48 · 55	% AI		*
z			1.4	.7			. 7	.7					4.3
NNE	.7		. 7		2 . 1		. 7						4.3
NE		1.4	4.3	4.3	2 . 1	2.1						7	4.2
ENE		2.8	3.5	4.1	4.	1.4							6.6
		2.1	4.3	2.8	2.1	.,						12	12.1
ESE		3.5	1.4	2.1								1	7.8
SE			2.1	2.1	1.4	4.1	. 7	7.				8	8.5
SSE			1.4	.7		7.						2	2.8
s				3.5	2 . 1	. 7	2.1	. 7				6	6.6
SSW	.7		.7	2.1								*	4.3
SW	1.4		.7	1.4	2.1	1.4	1.4					80	8.5
WSW		. 7	.7	2.8		1.4						9	4.9
*			. 7	. 1		.7						2	2.8
WNW				. 7	. 7							1	4.
NW													
NNN	.7	.7				. 7		. 7				2	2.8
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	M	X	X	X	X	X	$\bigvee$		0
	5.0	11.3	22.0	25.5	14.2	11.3	4.0	4.3				100.0	0

3666

TOTAL NUMBER OF OBSERVATIONS

141

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0.0

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

8

0.0

SURFACE WINDS

Bref 2

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

16201 STATION

ALL WEATHER

CONDITION

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12 NOURS (LS.T.)

HONTH HONTH

YEARS

(KNTS)	.:	*	7 - 10	11 - 16	17 - 21	22 - 27	28 . 33	34 - 40	41 . 47	48 - 55	8	*	WIND SPEED
z	7.			1.	1.4		1.4					4.3	19.5
N N		1.	1.4	1.4	2.8	. 7						0.0	14.8
az			3.5	2.1	2.1		. 7					9.2	13.5
ENE		20.5	4.3	4.3								11.3	9.6
		2.8	1.4	3.5		1.						2.6	11.5
ESE	7.6			2.8								4.3	6.9
SE		1.	2.1		2.1	. 7	2.1					11.3	18.9
SSE				1.	4.							3.5	13.4
5		1.	4.3	4.1	3.5	2.1						12.8	15.7
SSW				2.1	1.		7.4	. 7				100	22.3
SW				1.4	2.1	1.4	2.1	.7				. 3	22.5
WSW		٧.		1.4		1.4						5.7	18.8
*		1.4		1.4								3.5	13.0
WNW													
×													
NNN					ģ. •							1.4	27.0
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	1.4	
	2.8	11.3	18.4	26.2	17.0	8.5	10.6	3.5				100.0	15.4

6

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 KEATHER CLASS ALL

KEFLAVIK, ICELAND

16201

1550

YEARS

1.5 NOURS (L.S.T.)

TT NON

CONDITION

28 . 33 34	17.21 22.27 28.33 34.40 41.47 2.63 34.40 41.47 7.47 7.47 7.47 7.47 7.47 7.47 7.4	17.21     22.27     28.33     34.40     41.47     48.55     ≥56       2.6     2.8     3.4     41.47     48.55     ≥56       1.4     .7     .7     .7     .7       1.4     1.6     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.4     .7     .7     .7     .7       1.5     .7     .7     .7     .7       1.5     .7     .7     .7     .7       1.5     .7     .7     .7     .7       1.5     .7     .7     .7     .7       1.5     .7     .7     .7     .7       1.5     .7
22 - 27	22 · 27	22 - 27
34.40	34.40 41.47 48.55	34 · 40
\$ · \$   \$   \$   \$   \$   \$   \$   \$   \$	41 . 47 48 . 55	41 · 47 48 · 55 126
1-	85 · 8	84 85 SY 87
\$ · · · · · · · · · · · · · · · · · · ·		8 1
	3 1	

3880

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

1 20

18

FER

YEARS

73-77

KEFLAVIK, ICELAND

16201 STATION

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL MEATMER CONDITION

N N N N N N N N N N N N N N N N N N N	4.6	•	7 . 10	91 - 11	17 - 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	<b>%</b>	*	WIND WIND SPEED
NN RE ENE SE		1.	. 7	2.1	7.							6.4	13.3
R R R R R R R R R R R R R R R R R R R		1.	. 7	1.4		60						4.9	18.1
E E E E S S S S S S S S S S S S S S S S			5.7	2.1	2.1	.7		1.				1103	14.8
S SE S		4.3	4.3	3.5	1.4							13.5	10.0
SS		1.	2.1	3.5	۲.							7.1	11.9
SSE SSE		-	2.1	2.1	1.	. 7						5.7	13.4
SSE		-		2.1	1.4							5.7	18.9
so .			. 7	1.4			1.					5.0	17.6
		-	3.5	3.5	3.5	1.4	1.	1.				13.5	17.0
SSW				1.	1.4	2.1						5.0	17.6
WS		1.		1.	1.4	2.1		1.4				7.1	23.5
WSW		1.			1.	.7	1.4					200	22.0
*		-		2.8		2.1						3.0	18.0
WWW	1.4	-				.7			1.			2.8	17.3
××				1.		.7						2.1	14.
INW				1.								2.1	23.3
VARBL													
CALM	$\bigvee$		X	X	X	X	X	$\bigvee$	X	$\bigvee$	$\bigvee$	0.	
	1.4	8.5	21.3	27.7	17.0	15.6	3.5	4.3				100.0	16.0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

12

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

(FROM HOURLY OBSERVATIONS)

ALL

CONDITION

YEARS 73-77 WEATHER CLASS

21 NOURS (LS.T.)

F F B

12.1 13.2 19.3 18.0 15.4 16.6 22.6 16.0 18.5 15.6 23.7 WIND SPEED 5.7 200 9.0 3.5 4.3 . 7 100.0 12 . 55 4 41 . 47 2.00 34 - 40 . 1.4 1.4 5.7 28 . 33 1.4 4 . 1 2.1 1.4 . 12.8 2.1 22 . 27 1.4 1.4 1.4 . 7 . 7 . 2 . 1 18.4 17 - 21 2.8 3.5 1.4 28.4 2.1 1.4 2.1 11 . 16 6.3 1.4 2.8 2.1 16.3 7 - 10 486 12.1 ..3 \*N\* WSW N N VARBL CALM SPEED (KNTS) DIR. NNE SSW E E 25 32 SE NS. SSE 8 \* z

DIRNAVOCEANMET

1 2

141

TOTAL NUMBER OF OBSERVATIONS

0

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ALL HOURS (LS.T.)

MONTH UD

5702 SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CONDITION KEFLAVIK, ICELAND

SPEED (KNTS) DIR.	z	NNE	w Z	E.		ESE	35	SSE	0	SSW	NS.	WSW	*	WNW	×	MNN	VARBL	CALM	
1.3	.2	2.	.1	£.	€.	4.		e.	4.	.2	.2			2.		. 1		X	2.7
•	3.	1.	1.5	2.6	1.1	1.0	4.	.2	6.	4.	7.	6.	. 3			4.		X	10.8
7 . 10	9.	1.1	3.9	3.6	5.4	1.2	1.4		1.9	4.	.3	*.			~•	7.		X	19.5
11 . 16	1.1	1.7	3.2	2.5	2.8	5.0	1.9	1.7	3.3	1.9	1.2	1.0	1.4	7.	.3	4.		X	26.5
17 . 21	6.	1.3	2.3	1.0	1.2	0.	1.5	1.6	2.0	6.	1.7	.5	or.	4.		~		X	16.8
22 - 27	4.	1.4	1.2	4.	0	7.	1.2	1.0	2.0	6.	1.2	1.2			-			X	12.9
28 · 33	4.	.3	-0				co •	. 3		9.	1.2	6.	4.			•		X	0.0
34 . 40	4.	1.				1.	• 5		*	~	1.0	0.				4.		X	4.0
41 - 47	.1																	$\mathbb{X}$	6.
48 · 55																		$\bigvee$	
<b>3</b> 9																		$\bigvee$	
*	4.4	6.7	12.5	10.3	6.6	5.5	8.0	4.0	11.5	5.5	6.8	2.0	4.1	1.3	5.	1.6		. 3	100.0
WIND SPEED	17.8	15.9	13.4	10.3	12.4	11.7	18.3	15.5	16.3	17.5	22.3	21.6	16.4	17.5	11.5	17.2			15.5

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DIRNAVOCEANMET SMOS

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1128

TOTAL NUMBER OF OBSERVATIONS

1550

0

0

16201

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

ALL WEATHER

STATION NAME

KEFLAVIK, ICELAND

YEARS

NOURS CLS.T.

MAR

CONDITION

MEAN WIND SPEED	11.0	14.5	10.4	10.8	10.5	16.2	10.6	14.5	14.9	13.2	18.1	15.3	16.6	35.0	11.0	0.6		13.6
*	5.2	8.4	5.0	3.2	7.7	7.7	0.6	12.3	10.3	6.9	7.1	5.2	5.5	9	2.6	2.6	9.	100.0
8																	X	
48 - 55																	X	
4 . 4																	X	
34 . 46														9.			X	0
28 . 33						9.		9.	9.	9.	9.		9.				X	3.9
22 - 27	9.	1.9				6.1		5.6	1.9		1.9	1.3			9.		X	12.9
17 - 21		1.9	9.	9.	1.9	1.3	•	1.3	1.9	0.	1.9	1.9	1.3				X	16.1
91 . 11	1.3	1.3	1.3	9.	1.3	1.3	3.2	5.0	2.6	5.0	1.3	9.	5.6		9.	9.	X	23.9
7 - 10	1.9	1.9	2.6	1.3	2.0	1.3	3.2	3.2	1.9	1.3	9.	9.	•			1.9	X	25.2
•	1.3	1.3	1.3	9.	0.	1,3	1.9	1.3	1.3	1.3	0.						X	12.9
1.3					1.3			9.				9.			1.3		$\bigvee$	3.9
	1							1										

SPEED (KNTS) DIR.

NNW VARBL

CALM

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

16201 STATION

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22 - 27

17 - 21

11 . 16

7 - 10

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SPEED (XNTS) DIR.

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

HEATHER CLASS

HOURS (LS.T.

MONTH

CONDITION

8.3 11.4 14.1 12.6 17.9 11.5 15.3 0.6 10.1 14.2 14.0 WIND SPEED 6.5 3.9 8 6 5 8 B B 2.6 100.0 0.6 4.5 11.0 14.8 7:1 0 \* 1 56 48 - 55 41 . 47 000 0 9 34 - 40 00 5.8 0 1.9 9. 9. 9. 28 . 33

1.3

0 1.9 .0

1.9

9.

1.3

9.

1.3

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WNW

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NN VARBL

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CALM

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TOTAL NUMBER OF OBSERVATIONS

7.7

18.1

22.6

22.6

12.3

155

SMOS DIRNAVOCEANMET

16201 STATION

KEFLAVIK, ICELAND

1550

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

4 L M L M O N O N M 4 8 4 0 8 M

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155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 20

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

SURFACE WINDS

KEFLAVIK, ICELAND

16201

0

0

1550

WEATHER CLASS ALL

73-77

YEARS

06 HOURS (1.5.T.)

MONTH

CONDITION

	::	• •	7 - 10	1 . 16	17 . 21	12 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
-	9.	1.3	3.2	1.3								6.5	8.4
-			1.3	3.2	1.3	2.6	9.					0.6	17.
1		0.	0.	1.9	551							4.5	14.
1		0.	5.00			0.						4.5	10.
1	1.3	0.	9.	5.6	1.3							5.5	11.
1	9.	7	3.2	9.		2.6	1.3					11.6	14.
1			1.9		9.		1.3					8.8	16.
	9.		3.9	2.6		1.3	0.	0.				4.6	14.
1		0.			1.3	1.9						11.6	13.
		9.	1.3	1.3	1.3	1.3	0.					6.0	16.
			1.3	2.6		1.3	1.3					6.5	17.
		1,3		1.3	9.	9.	9.	9.				5.5	18.
		9.		1.9	.0							3.2	14.
				0.	9.							1.3	17.
-		9.		0.	•			9.				2.6	16.6
		9.		9.								1.3	9.
-												0	
				X					$\langle$		$\langle$	2.0	
	3.2	7.6	24.5	27.1	11.0	12.3	6.5	1.9				100.0	14.

SSW WSW WNW

- 2 × 2 ×

SPEED (KNTS) DIR.

VARBL

CALM

NN X

SURFACE WINDS

1

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAR	HONTH	60	HOURS (L.S.T.)	
73-77	YEARS	ALL MEATHER	C1455	CONDITION
KEFLAVIK, ICELAND	STATION NAME			

DIR.	1.3	9.7	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	<b>%</b>	,	
z		1.3	1.9	1.3		9.						5.2	
NN				3.9	0.	1.9	9.					7.1	
w Z	4.	•	1.9	0.	1.9							2.00	
ENE		2.6	3.2	1.9	9.		9.					0.6	
3		1.9	2.0	0.	1.3							0.5	
ESE		5.6	1.3	1.9	1.3	9.	1.9					6.4	
SE		0.	1.3	1.9	1.3	1.3	9.					7.1	
SSE		c.	2.6	3.9	1.9	9.	9.					10.3	
S		1.9	3.5	3.2	1.3	1.9		9.				12.3	
SSW	9.		9.	9.		9.						3.9	
S.W			1.3	3.9	1.3	•	1.3	1.3	9.			10.3	
WSW				9.		1.3						1.9	
*		9.	1.3	5.6	9.	9.						5.8	
WNW		1,3	o.	9.	1.0							3.9	
WW													
NNN				٥.		9.						1.3	
VARBL													
CALM	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	0.	
	1.3	14.2	21.9	28.4	14.8	11.0	5.00	1.9	9.			100.0	

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

1526

16201 STATION

1

TOTAL NUMBER OF OBSERVATIONS

(3)

(0)

0

12 NOURS (LST.)

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3440

SURFACE WINDS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER

KEFLAVIK, ICELAND

16201

1550

0

0

CONDITION

SPEED (KNTS) DIR.	£:-	•	7 . 10	11 . 16	17 . 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	,	WIND SPEED
z			1.9	1.3		9.						3.9	13.
N.X		9.		3.2	3.5	2.6						6.4	17.
¥		1.3	1.9	2.0	9.							6.5	10.
ENE	9.	0.	5.0	1.3								5.2	6
	9.	6.1	9.	1.3	2.0	9.						7.7	12.
ESE		9.	1.9	0.	5.6	2.6	-					6.4	19.
*		1.3	1.3	1.9	1.3	1.3						7.1	15.
SSE		9.	1.3	1.9	2.6							7.7	14.8
	9.		3.5	5.5		3.8	9.					12.9	15.
SSW			9.	1.3	9.	9.	1.3					4.5	19.
SW	0.	9.	9.	3.9	9.	1.3	1.3	1.3				10.3	18.8
WSW	9.		9.									1.9	6
*			9.	9.2	0.	1.3	9.					5.8	17.0
WNW		9.		1.3								1.9	0.6
XX			9.	1.3	••							2.6	14.3
NNW		••	9.		.6							1.9	9.
VARBL													
CALM	$\bigvee$	$\bigvee$	M	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	9.	
	3.2	0.6	18.7	29.7	16.8	15.5	5.2	1.3				10000	15.

SURFACE WINDS JAN 78

SURFACE WINDS

1

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1.5 HOURS (L.S.T.)

A DA

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL REATHER CONDITION KEFLAVIK, ICELAND

16201

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1550

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.:3	• •	7 . 10	11.16	17.21	22 - 27	28 . 33	34 - 40	41 - 47	48 - 55	% AI	*	WIND
		1.3	1.3	1.3		9.					4.5	16.7
	0.	1.3	100		1.3						0.0	15.6
	0.	1.0		1.3							5.2	12.0
.0		9.	5.6		9.						4.5	12.1
	0.	0.	5.6	9.	9.	9.					5.00	15.9
		1.3	1.9		1.3	1.3					30	19.2
	0.	1.3	1.9	2.0	2.6	9.					4.6	17.5
		3.9	4.5	3.5	1.3	0.					13.5	15.4
	1.3	1.3	4.5	1.3	1.9						10.3	14.4
9.		2.0	0.	1.9							5.8	12.1
9.			5.6	9.	6.0	0.	0.				0.6	50.4
			2.0	φ.	9.						5.2	17.1
		1.3	0.	9.	9.						3.2	14.8
0.		0.									1.3	5.3
		1.3	1.9	•							3.9	13.7
		9.	1.3								1.9	12.0
V	X	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	1.3	
2.6	3.9	20.0	33.5	18.7	14.8	4	9.				100.0	15.4

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

14.9 15.6

WIND SPEED

. 47 7

9 2

. 33

58

22 - 27

17 - 21

11 . 16

7 - 10

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SPEED (KNTS) DIR.

2.6

5.0 9.

3.9

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16.5

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SURFACE WINDS

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18 HOURS (LS.T.

MAR

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER

73-77

YEARS

0 4 0 6 8 4 11.6 3.9 × 12 48 - 55

11.0 15.4 7.5 15.0 21.3 11.8 15.7 0. 100.0 1.9 3.2 5.3

TOTAL NUMBER OF OBSERVATIONS

9.

4.5

16.8

15.5

31.6

17.4

11.6

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1

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16201

KEFLAVIK, ICELAND

8.4

14.6 15.0

MEAN WIND SPEED

15.3

3.9

10.3 14.7

7.1

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13.7

12.3 6.5 5.8

13.8

12.3

19.0

4.5

15.5

14.6

0

14.6

3.2

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

16201

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1550

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YEARS

WEATHER

ALL

21 NOURS (1.5.T.)

MONTH K

CONDITION

. 55 4 41 . 47 34 - 40 28 . 33 2.6 22 . 27 00. 1.3 17 - 21

4.6

1.3

SPEED (KNTS) DIR.

00

NN

z

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ENE Ä

w

50

SE SE

100.0 7 26 0 0 1.3 1.9 9 7.7 1.9 00 1.3 1.3 12.3 2.6 2.2 • 0 16.8 ... 3.200.20 1.9 00 25.2 11 - 16 3.0 4.6 1.9 5.1 3.2 23.5 3.8 7 - 10 5.0 0 11.0 9. 5.0 1.3 9

TOTAL NUMBER OF OBSERVATIONS

2.6

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3

SSW WSW WSW

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VARBL CALM

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155

SMOS DIRNAVOCEANMET

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

-

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER

73-77

KEFLAVIK, ICELAND

YEARS

CONDITION

-

ALL HOURS (L.S.T.)

MAR

SPEED (KNTS) DIR.	::	*:	7 - 10	91 . 15	17 . 21	22 - 27	28 · 33	34 - 40	41.4	48 . 55	% AI	,	MEAN WIND SPEED
z			1.9	1.5	9.		.2					5.3	12.4
NNE	2.	.5	1.5	2.5	6.1	2.2	• 5	1.				0.6	16.5
3Z	.3	. 7	1.1	1.5	1.0							4 · B	11.9
ENE	.2	1.0	1.6	1.3	9.		•					\$	11.0
	9.	1.3	1.4	1.5	1.4	.2	.2					6.3	11.8
ESE	.2	1.4	1.4	1.5	ं ।	1.3	1.1					6.5	16.1
SE	1.	1.0	2.1		1.2	1.1	9.					8.5	14.7
SSE	2.	0.	2.8	3.2	2.1	3.4	00					11.3	15.2
•	.2	1:1	3.0	3.2	1.7	1.9	9.	.2				11.9	14.6
SSW	.2		1.2	1.6	33	4.	7.					5.2	14.5
SW		.2	. 7	2.7	1.1	1.0	8.	0.				**************************************	18.3
WSW	.2	.2	.3	1.3	7.7	.7	-	.2				4.0	16.9
*		. 33	89.	1.6	9.	9.						4.2	15.4
WNW	.2	9.	.3		· •	2.		ni.				2,3	12.5
NW	.2	2	9.	9.	ers.	.2		•				2.1	13,3
NNW		.5	1.0	.7	2							2.5	10.8
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	X	1.0	
	3.1	10.6	21.7	27.7	16.0	12.9	5.5	1.4				100.0	14.5

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1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

OO NOURS (L.S.T.) APR YEARS 73-77 ALL NEATHER KEFLAVIK, ICELAND

CONDITION

4.6 7.10 11.16 17.21	.7 2.0 2.7 4.0	1.3 2.0 2.7	۲۰ ۲۰	2.0 .7 1.3		.7 1.3 .7	2.7 1.3 1.3 4.0	1.3		1.3	2.0 3.3 2.0 2.0		.7 2.7	1.3 1.3	7 .7 1.3 .7		
22 . 27 28 . 33	3.3	2.0					1.3	1.3			1.3		2.3				X
34 - 40 41 - 47	1																$\bigwedge$
7 48 . 55																	
25 Al	-						T		7(		1						X
MEAN WIND SPEED	3.3 17.2	8.0 17.2	-		2.7 9.5	3.3 11.2	10.7 13.6	8.0 15.4	10.7 13.1	6.0 10.	10.7 12.7	6.0 11.	6.0 17.	3.3 13.2	3.3 7.6	3 7.	1.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

5220

16201 STATION

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150

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS JAN 78 5702

SURFACE WINDS

T.

HOURS (LS.T.)

A P R

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

STATION NAME

KEFLAVIK, ICELAND

ALL MEATHER

	1.3	9:4	7 - 10	11 - 16	17 . 21	22 - 27	28 . 33	34 - 40	41 . 47	48 - 55	N 36	*	WIND
DIR.													SPEED
z		1.3	2.0	0.4	3.3		1.					11.3	14.3
N.				2.0	2 . 7	2.7						000	18.3
N.				1.								2.0	13.3
ENE	1.3		1.3									3.3	5,8
		1.3	1.	1.3								4.7	9.3
ESE		1.3	1.3		7.0							4.7	11.4
SE	.,	1.	1.3	1.3	1.3							6.7	13.9
SSE		2.0	2.0	2.7	0.4	. 7						11.3	14.3
s	2.0	1.	2.0	2.7	T.	2-						0.0	11.1
SSW			1.3	4.0	2.0							7.3	14.1
SW		1.	0.4	1.3								7.3	11.5
WSW		2.0		1.	٥٠٥							5.3	15.0
*		1.	2.7	2.7	1.3	1.3						8.1	13.3
WNW													0.0
NW			2.0	2.0	. 7							4.4	12.0
NNN		2.0										50.	10.8
VARBL													
CALM	X	X	X	X	X	X	X	X	$\bigvee$	$\bigvee$	X	۲.	
	5.3	14.0	22.0	26.0	22.7	6.7	2.7					100.0	13.0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

0

16201

0

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

1

I

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

5-77 HER	Ø 4		90	NOURS (L.S	
	73-77	YEARS	ALL MEATHER	CLASS	NOLLIGNOO

MEAN WIND SPEED	10.7 15.9	8.7 16.2	2.0 13.0	3.3 9.6	6.0 8.4	3.3 15.4	.3 13.8	0.0 14.1	10.7 11.6	6.0 11.9	4.0 17.2	4.7 15.9	8.7 13.5	3.3 13.8	2.7 8.8	2.7 12.0		2.0	
*	10	toc.		\$5.0	9	103	11	10	70	9	4	4	AC)	40	2	2		~	
VI 85																		X	
48 . 55																		$\bigvee$	
41 . 47																		X	
34 - 40												. 7						X	-
28 · 33	1.																	X	
22 - 27	2.0	1.03				. 7	0.4	1.3			1.3		1.3					X	
17 - 21		2.7	. 7			(e)		1.3		1.3	1.3	1.3	2.0					X	
11 . 16	4.0	4.0	1.	2.0	1.	1.	2.0	0.4	4.7	2.0			2.0			1.3		X	
7 - 10	1.3	1.			2.3	. 7	2.0	2.0	3.3	1.3		2.0	3.3	1.3	1.3			X	
9.	1.3				1.3		3.3	1.3	1.3						1.	. 7		X	
÷.				1.	۲.					۲.				1.				X	
SPEED (KNTS) DIR.	z	av.	ž	FNE		ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	NW	NNN	ARBL	CALM	

1

DIRNAVOCEANMET SMOS

1300

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5.0 2.7

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WNW

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VARBL

CALM

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

0

B

SURFACE WINDS

73-77

YEARS

ALL MEATHER

CONDITION

-

HOURS (L.S.T.)

APR

17.0 14.4 8.8 8.8 16.0 15.9 19.0 14.1 MEAN WIND SPEED 0 4 m m 9.3 0.0 307 6.6 5.3 8 12 48 - 55 41 - 47 34 - 40

1.3

2.0

3.3.7

0.4

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2.7 2.7

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2.7

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1.3

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28 . 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

0 0 0

TOTAL NUMBER OF OBSERVATIONS

14.7

100.0

5.3

14.0

16.7

31.3

20.0

10.7

150

DIRNAVOCEANMET SMOS

1771

0

0

16201

KEFLAVIK, ICELAND

SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

1.2 HOURS (1.5.T.) APR. YEARS 73-77 ALL WEATHER CONDITION KEFLAVIK, ICELAND

(KNTS)	1.3	• •	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	95 41	,	MEAN WIND SPEED
z	4.		1.3	2.0	1.	.7	.7					0.9	15.1
NN	1.		1.3		2.7	2.7		1.				6.9	18.6
a z		1.3	1.3		200							0.9	14.6
ENE	2.0		.7	1.								3.3	6.2
		1.	1.3	3.3	1.							6.7	11.9
ESE												1.3	18.5
SE			1.3	1.3		2.0	. 7	. 7				6.7	20.4
SSE	1.	1.	.7	0.9	4.7	2.7						15.3	16.1
8		1.	1.3		2.7							7.3	14.5
SSW	1.3	1.	. 7	1.3	2.0	1.3						7.3	13.6
SW.			1.3	1.3	1.3	1.3						0.9	18.4
WSW			2.0	4.0	1.3	1.3						10.0	15.3
*			7	1.		.7						3.3	14.6
WNW		. 7		2.0	.7							4.7	11.4
¥	1.		. 7		. 7	. 7	. 7					3.3	17.2
MNN			. 7	2.0	. 3							3.3	14.2
VARBL													
CALM	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	0.	
	6.7	0.9	18.0	28.0	22.0	14.7	3.3	1.3				100.0	15.4

DIRNAVOCEANMET SMOS

1 =

150

TOTAL NUMBER OF OBSERVATIONS

0

### SURFACE WINDS

1 88

1

15 HOURS (LS.T.)

A P R

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 KEFLAVIK, ICELAND

WEATHER CLASS

ALL

16201 STATION

0

0

CONDITION

ENE ENE			7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 · 40	41.47	48 - 55	۸۱ ۶	*	WIND
RE EXE		.7	7.	4.0	.7	1.3	2.0					6.3	18.1
EN EN EN		2.0		1.3	2.7	2.7						6.3	17.9
ENE ENE				2.0		.7						3.3	16.8
- 555				.7								1.3	7.0
ESE		1.3	2.0	3.3	2							7.3	11.6
		1.3			. 7	.7						2.7	14.5
35		1.	1.3	3.3		2.7						6.0	16.9
SSE			. 7	2.7	2.7	3.3	1.3					10.7	19.4
5		1.3	2.7	2.7	1.3	.7						00	13.2
SSW			1.3	4.7	1.3							9.0	15.0
SW.		. 7	. 7	3.3		3.3		. 7				6.3	18.7
WSW				1.	· 1							2.7	15.5
*	1.3		1.3	2.7	3.3	. 7						6.3	14.1
WNW			. 7	2.7	. 7	.7						4.7	15.1
XX				2.0	. 7							2.7	16.5
NNN				1.3								1.3	13.0
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	0.	
	2.0	8.0	12.0	37.3	18.0	16.7	5.3	7.				100.0	16.0

1880 1880

150

TOTAL NUMBER OF OBSERVATIONS

4.4

DIRNAVOCEANMET SMOS

150

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

1040

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER

73-77

KEFLAVIK, ICELAND

16201

YEARS

18 HOURS (L.S.T.)

APR

CONDITION

SPEED (KNTS) DIR.	1.3	9:	7 - 10	11 . 16	17 . 21	22 . 27	28 . 33	34 - 40	41 - 47	48 - 55	% %	*	WIND SPEED
z			1.3	2.0	. 7	3.3	1.3					8.7	19.6
NNE			2.0		2.7	1.3	2.0					8.7	18.8
Z.			2.0	.7	1.5							5.3	12.9
ENE				.7		. 7						1.3	16
				2.7								3.3	15
ESE	•			2.0								0.4	10.5
SE			1.3	3.3	r.	1.3						7.3	16.4
SSE	•		1.3	5.3	4.7	2.0						14.7	-
s			2.7	2.7								5.3	11.
SSW		۲.			1.3	. 7						8.7	-
SW			1.3	2.7	2.0		1.					7.3	-
WSW	•	1.	1.3	1.3	1.3							0.9	13
*			2.0	1.3	2.7	1.						7.3	16
WNW				2.7	.7							0.4	13
¥			1.3	3.3	*.							0.9	-
*NX			.7	1.								2.0	6
VARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$		0.	
	0	4.7	18.0	37.3	20.0	10.7	6.4	7	7			100.0	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1556

1

SURFACE WINDS JAN 78 5702

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

IZEM KEINI

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

16201

1550

0

0

YEARS ALL WEATHER CONDITION KEFLAVIK, ICELAND

21 NOURS (LST.)

APR

SPEED (KNTS) DIR.	1.3	• •	7 - 10	91 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	8	*	MEAN WIND SPEED
z		1.	. 7	4.0	3.3	2.7	1.3					12.7	18.
NNE		1.	.7	1.3	1.3		2.0					6.7	19.
ZE	•			1.3	1.3							3.3	12.
ERE				.7									15.0
			1.50									0.4	6
ESE		1.3	1.3	1.								0.4	10.0
35		2.0	2.0	2.7		2.0	. 7					10.7	14.5
SSE			2.0	2.0	3.3	1.3						8.7	16.0
5		1.3	4.	0.0	2.0							10.7	12.0
SSW		1.3		2.7	1.3							0.9	14.0
SW		1.3	2.0	2.0	. 7							7.3	11.
WSW		1.	2.0	2.0		1.3	.7					6.7	15.4
*	.,		2.0	2.0								5.3	11.
WNW		1.		3.3			. 7					4.7	14.6
WN		1.3	2.7	2.7								6.7	9.5
NNN		1.	.7	. 7								2.0	30
VARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	X	0.	
	2.7	12.7	18.7	34.7	16.7	6.6	5.3					100.0	13.9

150

TOTAL NUMBER OF OBSERVATIONS

1

DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

Q

1

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER KEFLAVIK, ICELAND

ALL HOURS (LS.T.)

A P R

YEARS

CONDITION

SPEED (KNTS) DIR.	1.3	•	7 - 10	91 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	VI 98	×	WEAN WIND SPEED
z	1.	00	1.2	3.0	2.0	1.9	1.1					10.2	16.9
NNE	2.	·.	6.	1.9	2.4	1.1		1.				8.6	17.5
WZ.		4.		8	1.2							3.5	14.0
ENE	9.		s.	6.		-						2.6	8.5
	5.	8.	1.2	1.8	9.							5.0	10.4
ESE	.1		20	1.		. 2	2.					3.5	12.9
SE	.1	1.2	1.6	2.2	1.2	2.2		7.				0.0	15.5
SSE	2.		1.2	3.8	5.9	7.00	.2					11.0	16.1
s	.3		2.3	3.4	1.8	.3						0.6	12.7
SSW			80	3.2	1.3	9.	•					6.9	14.0
SW	•	6.	1.7	5.0	1.2	1.2		.2				7.5	15.1
WSW	7.		1.2	2.0	1:1	• 3	.2	7.				3.00	14.3
*	~	.3	1.8	2.0	1.6	1.1	7.					7.2	14.3
WNW	1.	.2	4.	1.6		• 2	. 2					3.4	13.8
NN	. 2	7.	1.4	1.4	• 3	~	-		•			4.1	12.5
NNN		9.	• •	6.	• 5		•					2.2	11.3
VARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	• 5	
	3.1	10.3	18.8	31.8	18.9	12.2	3.7	5	.1			100.0	14.4

SMOS DIRNAVOCEANMET

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16201

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1550

2.6

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1.9

17 - 21

11 - 16

7 - 10

1.3

SPEED (KNTS) DIR.

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VARBL

CALM

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155

TOTAL NUMBER OF OBSERVATIONS

12.9

21.9

28.4

21.3

4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

ALL

STATION NAME

KEFLAVIK, ICELAND

YEARS

WEATHER CLASS

NOURS (L.S.T.)

MAY MONTH

CONDITION

MEAN WIND SPEED	10.4	15.6	10.5	8.7	11.2	12.3	14.1	11.5	10.0	4.5	10.3	10.9	4.6	4.8		6.2		10.5
×	11.0	7.7	5.2	5.8	7.7	1.9	11.0	11.6	14.2	1.3	2.6	4.5	3.2	2.6	4.5	3.2	1.9	100.0
N 26																	X	
48 · 55																	X	
41 . 47																	X	
34 - 40																	X	
28 - 33					9.												X	9.
22 - 27	1.3	1.3					9.	9.									X	5.2

16201 STATION

0

SURFACE WINDS

1

1

HOURS (L.S.T.)

MAY MONTH

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CONDITION

SPEED (KNTS) DIR.	::	• •	7 - 10	91 . 10	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	99 Al	*	MEAN WIND SPEED
z		2.6	4.5	1.9	1.9							11.0	6.6
N N	9.	2.6	1.3	3.9	1.9	1.9						12.3	13.2
N.	9.		1.3									1.9	7.0
ENE		1.3	1.3	0.	•							3.9	10.5
	9.	9.	1.9	1.9	0.	9.						6.9	11.
ESE			1.9	2.6			9.					7.1	13.4
SE		2.6			3.5	1.3						11.0	13.
SSE	9.		1.9	3.2	1.							7.1	12.5
s	1.3	2.6	5.0	4.5								14.2	0.6
SSW	1.3	0.			0.							2.6	7.3
SW	9.	9.	9.	.3	9.	9.						4.5	12.6
WSW													
*			2.6	0.								3.2	10.0
WNW	1.3			1.3								2.6	0.8
×		1.3	1,3									3.6	6.3
NNN	9.	1.3	1.9									3.9	6.7
VARBL	1												
CALM	$\bigvee$	$\bigvee$	X	X	X	X	X	M	$\bigvee$	$\bigvee$	$\bigvee$	5.8	
	7.7	16.8	27.7	24.5	12.3	4.5	9.					100.0	10.3

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SMOS DIRNAVOCEANMET

155

TOTAL NUMBER OF OBSERVATIONS

1

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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1552

16201 STATION

KEFLAVIK, ICELAND

0

### SURFACE WINDS

1

NOURS (L.S.T.)

MONTH

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS WEATHER CONDITION ALL

73-77

SPEED (KNTS) DIR.	1.3	• •	7 . 10	91 . 11	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
z	9.	3.2	5.8	4.5	9.							14.8	9.5
NN		2.6	1.3	3.2	5.1	9.						4.6	12.3
ž		1.9	3.2									5.2	
ERE		2.6	0.	1.3	9.	9.						80	10.7
4	9.	1.3	1.3	2.6		9.						6.9	10.5
ESE		1.3	g.	1.9	.0							4.5	17
SE			9.	2.6	1.9	9.	1.9					7.7	19.6
SSE	9.	9.	3.2	5.2	1.3	9.						11.6	12.6
s	1.3	3.2	1.9	3.9								10.3	8.5
SSW				1.3	9.							1.9	15.3
SW		1.3										1.3	4.5
WSW			1.9	1.3	• •							3.9	11.3
W			1.9									1.9	
WNW		1.3										1.3	5.0
NW		1.3	9.									1.9	0.9
NNW	9.	9.	1.9		9.							9.6	8.0
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	X	M	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	7.7	
	3.9	21.3	25.2	27.7	0.6	3.2	1.9					100.0	10.1

0

0.0

1

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

1338

0

16201

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

TOTAL NUMBER OF OBSERVATIONS

1

# SURFACE WINDS

6380

-

00 HOURS (1.5.7.)

MA Y

YEARS

73-77

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

CONDITION

ALL WEATHER

10.7 6.0 7.5 17.4 17.7 11.8 9.3 12.9 12.5 MEAN WIND SPEED 11.6 5.2 8.4 11.6 12.3 3 2 2 3 4 5 6 7 5 6 9. 100.0 6.4 . 3 12 48 - 55 41 - 47 34 - 40 1.3 • . 28 . 33 4.8 2.6 0.00 1.3 .0 22 . 27 9.1 0000 2.0 • 14.2 17 - 21 31.0 20000000000 0 m 0 11 - 16 1 5 9 6 3.9 000 000 28.4 7 - 10 1.9 20 00 1.3 00 1.3 F . 7 12.3 4.6 3.9 2.0 1.3 \* WW \*NN VARBL SPEED (KNTS) DIR. WSW ž CALM SSW SW X X X SSE SSE w s

SMOS DIRNAVOCEANMET

0 20

1550

0

0

16201 STATION

KEFLAVIK, ICELAND

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

1.2 HOURS (L.S.T.)

MAM

YEARS

73-77

KEFLAVIK, ICELAND

16201 STATION

N N N N N N N N N N N N N N N N N N N	?	• • •	7 . 10	91 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	8 8	*	WIND
NNE REE ESE ESE ESE ESE ESE ESE ESE ESE ES		1.3	3.2	4.5	2.6	9.						12.3	13.3
ES E		1.3	0.6	1.9	0.	•	1.3					16.1	12.2
ENE ESE ESE S S S S S S S S S S S S S S		0.0	2.6	1.3								3.8	8.4
S S S S S S S S S S S S S S S S S S S				1.3	0.	9.						2.6	17.0
\$5 SE SSE SSE SSE SSE SSE SSE SSE SSE SSE		9.	9.	1.9								3.2	11.0
SSE SSE			1.3	3.9	1.9	9.						7.7	15.7
SSE	0.			3.5	3.5	5.6						7.6	17.7
8		1.3	1.9	4.5	•							4.8	11.8
-		1.3	1.3	4.5	7.0	1.9						11.0	14.7
SSW			\$	7.9	1.3	9.	9.					20.00	17.8
AS.			4.	1.9								2.6	10.8
WSW			٥.	3.8	0.							5.8	11.6
*		9.		0.								1.3	10.5
WWW			1.3	0.								1.9	10.3
WN		1.9	9.									2.6	5.8
MNN	ŷ.	0.		1.3	9.							3.8	10.4
VARBL													
CALM	V	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	9.	
	1.3	12.3	23.9	36.8	15.5	7.7	1.9					100.0	13.1

0.4

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15 HOURS (L.S.T.)

MAM

YEARS

73-77

KEFLAVIK, ICELAND

16201 STATION

155

TOTAL NUMBER OF OBSERVATIONS

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# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER CONDITION

(KNTS) DIR.	1.3	•	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
z		9.	3.2		e4		9.					10.3	13.9
N N N	1.3	1.9	2.6	3.9		9.	1.3					14.2	13.
Z.		9.	1.9	1.3	0.							4.5	10.1
ENE				0.	••							2.6	10.8
		0.		1.3		9.						2.6	14.0
ESE				0.	2.6	1.3	0.					5.2	21.0
SE			0.	3.9	3.9	1.3	•					10.3	18.0
SSE			1.3	4.5	1.0	9.						3.4	15.0
s			7.0	3.2	1.3	1.3						7.7	15.5
SSW			9.	3.2	2.0	9.						7.1	16.5
SW	9.			3.9			9.					5.2	13.5
WSW	9.	1.3	1.9	5.6								6.5	10.1
*	9.		1.3	9.	9.							3.2	10.0
WNW	•	9.	0.	1.9								3.9	8.7
××		7.9	9.	•								2.6	0.6
NNN		1.3	1.3	1.9								4.5	10,3
/ARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	1.3	
	3.9	9.7	1.8.1	36.8	20.0	6.6	3.9					100.0	13.6

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

3338

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155

SURFACE WINDS

3446

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

ALL WEATHER

YEARS

18 HOURS (L.S.T.)

MONTH

CONDITION

34 - 40

28 - 33

22 . 27

17 - 21

11 . 16

7 - 10

4 . 6

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SPEED (KNTS) DIR.

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1 . 3 1.9 1,3 1.9

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7.3 16.4 15.3 14.1 17.3 15.1 13.8 14.1 MEAN WIND SPEED 3.2 2.6 2.6 4.5 14.2 3.2 % 7 56 48 - 55 41 - 47

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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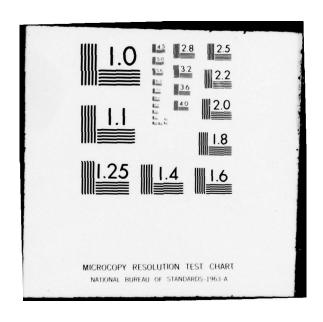
16201 STATION

KEFLAVIK, ICELAND

1550

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) KEFLAVIK--ETC(U) AD-A060 607 UNCLASSIFIED NL 2 OF 4 AD A060607



## SURFACE WINDS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER KEFLAVIK, ICELAND

CONDITION

21 HOURS (LS.T.)

MONTH

WEAN WIND SPEED	12.8	15.9	12.5	12.5	8.3	16.9	16.2	14.9	10.6	10.9	14.7	11.3	6.8	9.4	8.6	5.6			12.0
æ	11.0	7.1	3.9	1.3	ري س	4.3	11.0	6.1	11.6	4.5	3.9	2.0	3.9	4.5	6.9	6.9		1.9	100.0
% AI																		$\bigvee$	
8 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33											9.							$\bigvee$	9.
22 - 27	1.3	1.9			9.	9.	0.	9.										$\bigvee$	7.1
17 - 21	2.6	1.3	0.			1.9	3.2	2.6	9.	9.	0.	9.		9.				$\bigvee$	15.5
61 . 16	2.6	5.6	1.9	9.	9.	1.3	4.5	3.9	5.2	1.3	1.9	9.	0.		1.3	1.9		X	31.0
7 . 10	2.6	1.3	9.	9.	1.3		1.3	2.0	3.5	1.9		0.	9.	2.6	3.5	3.2		X	25.8
• •	1.3		0.		5.6	•			5.6	9.	9.	0.	6.1	9.	0.7	9.		X	14.8
1.3	9.				9.								9.	0.		9.		X	3.2
SPEED (KNTS) DIR.	z	N.K.	SK.	ENE	-	ESE	SE	SSE	8	SSW	SW.	WSW	*	WWW	×	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

16201 STATION

155

TOTAL NUMBER OF OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SPEED (KNTS) DIR.	1:3	4.6	7 . 10	11 . 16	17 - 21	22 . 27	28 · 33	34 . 46	41 . 47	48 · 55	VI Sk	2	,
z	€.	1.7	3.7	3.7	1.9	.5	.2						12.0
N.	.2	1.8	2.7	2.7	1.9	1.4	*						11.0
Z.		1.3	2.2	1.0									6.4
ENE		1.2	0.	1.0	4.	2.							3.9
	. 8	1.1	8.	1.5	.3	4.	•						5.5
ESE		4.	9.		1.7	9.	2.						5.4
SE	1.	0.	6.	3.3	5.9		4.						9.6
SSE	.2	• •	2.3	4.3	6.1	9.							6.6
•	4.	1.7	3.4	4.1	4.1								11.5
SSW	2.	.2	9.	1.3	6.	.2	7.						3.5
SW	.2	.5	4.	1.4	4.	.2	.2						3.3
WSW	2.	9.	1.0	1.2	· ·	.2							3.7
*	. 3	9.	1.0		. 2								3.0
WWW	. 3	9.	1.0	.7	• 1								2.9
WN	1.	1.3	1.5	6.									3.8
NNW	4.		1.5	1.0	.2								3.8
VARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	X	X	$\setminus$	$\bigvee$	5.6
	. 4	1.8.1	26.4	31.0	14.0	4.4	5						100.0

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201 STATION

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YEARS

73-77

KEFLAVIK, ICELAND

WEATHER CLASS

ALL

ALL HOURS (L.S.T.)

MONTH

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MEAN WIND SPEED

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PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

DIRECTION AND SPEED

SURFACE WINDS

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CONDITION

CLASS CLASS

34 - 40 28 . 33 22 . 27 2.0 1.3 17 - 21

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VARBL

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET

SMOS

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KEFLAVIK, ICELAND

1550

STATION NAME

YEARS

73-77

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

5702 SURFACE WINDS JAN 78

SURFACE WINDS

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HOURS (L.S.T.)

NONTH

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CONDITION KEFLAVIK, ICELAND

SPEED (KNTS) DIR.	£:-	• •	7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41.47	48 - 55	% AI	*	MEAN WIND SPEED
z			2.0	4.7	.7	1.						8.7	12.
N.			2.0	2.0	2.7							6.7	13,0
¥		2.0		1.3	. 7							6.0	10.
ENE		1.		.7								2.0	13.
	۲.	1.3	1.		. 7							5.3	11.
ESE			2.0		.7							4.7	12.0
35		1.3	1.3	4.0	1.3							8.7	13,8
SSE	1.3	2.7	2.0	2.0	2.0							10.0	6
•	2.0	2.7	2.0	4.0								10.7	7.
SSW	1.	1.3	.7	2.0	1.3							0.9	11.
SW			1.3		1.3							3,3	12.
WSW	7.	1.3	.7									2.7	5.
*	۲.	3.3	2.0	.7								6.7	7.2
WNW		3.3	1.3									5.3	8.1
NW	1.3	1.3	1.3		. 7							4.7	7.0
NNW	1.	1.3	1.3	1.3								4.7	8.3
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	0.4	
	8.7	24.7	22.0	24.0	12.7	4.0						100.0	6.6

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150

TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

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#### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 ALL

KEFLAVIK, ICELAND

16201 STATION

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YEARS

WEATHER CLASS

CONDITION

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SPEED (KNTS) DIR.

X X X

z

12.3 10.01 15.6 14.3 12.1 10.4 13.1 111.1 MEAN WIND SPEED 2002 8.0 2.0 100.0 2.7 12 48 . 55 . 47 7 34 - 40 28 - 33 . s 1.3 . 3 . . 22 . 27 16.7 1.3 2.0 . ... 2.0 . 25. . 1.0 17 . 21 2.0 2.1 21.3 1.3 11 . 16 27.3 1.3 7 - 10 18.7 ----2.0 2.0 1.3 2.0 2. .

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TOTAL NUMBER OF OBSERVATIONS

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HOURS CL.S.T.)

NONTH

YEARS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

KEFLAVIK, ICELAND

16201

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12295 62181

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1532

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CONDITION

SPEED (KNTS) DIR.	1.3	• • •	7.10	11.16	12 . 21	22 - 22	28 - 33	34 · 40	41.47	48 - 55	8 Al	*	MEAN WIND SPEED
z		1.	2.0	0.4	0.4	7.						11.3	14.2
Z	1.	1.3	.7		2.0							10.0	12.8
Z	1.3	3.3	2.7		.7							10.7	8.5
ENE					. 7							4.7	11.4
		1.	1.3			. 7						3.3	12.2
ESE			.7	2.0	1.3	.7		. 7				5.3	18.1
35	1.	1.3	3.3		2.7	۲.						12.0	12.6
SSE			I.	0.4		.,						6.3	14.0
8		1,3	1.3	6.7	2.0							11.3	12.5
WSS		1.	1.3	2.0								5.3	11.5
NS.		1.	. 7	2.0		1.3						4.7	13.6
WOW			1.	1.								2.0	8.3
>		2.0	. 7	1.3		.7						4.7	11.0
WWW	1.3				1.3							5.3	11.3
3				1.									14.0
NN				1.								. 7	11.0
VARBL													
CALM	$\bigvee$	1.3											
	4.7	14.0	19.3	38.0	14.2	6.7		7.				100.0	12.3

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DIRNAVOCEANMET SMOS

150

TOTAL NUMBER OF OBSERVATIONS

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22 - 27

17 - 21

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SPEED (KNTS) DIR.

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4.7 4.1

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WSW WSW

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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12 HOURS (LST.

NON

YEARS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WEATHER CLASS ALL

CONDITION

9.3 14.2 13.0 15.6 11.9 14.4 13.4 13.4 12. = 14. WIND SPEED 10.0 13.3 3.3 2.0 2.0 100.0 4.7 12 48 - 55 . 47 7 34 - 40 28 - 33

> SMOS DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

16201

KEFLAVIK, ICELAND

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### SURFACE WINDS

3

15 HOURS (L.S.T.)

NONTH

YEARS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

CONDITION

ALL WEATHER

KEFLAVIK, ICELAND

16201

0

1550

0

0

SPEED (KNTS) DIR.	1.3	• •	7 - 10	11 . 16	17 . 21	22 . 27	28 · 33	34 - 40	4.4	48 - 55	% AI		MEAN WIND SPEED
z			2.0	0.9	0.4	1.						12.7	15.3
N.			1.3	4.7	3.5							10.7	14.7
¥		1.3		1.3	. 7							0.4	10.3
ENE	.7		.7									2.0	4.3
	.7	1.3	.7	.7	. 7							0.4	0.6
ESE				2.0		1.	2.0					5.3	20.1
35			1	3.3	3.3	1.3						00.1	16.5
SSE			.7	0.0								8.0	14.5
0			1.	7.3		1.3						10.0	15.2
ASS			. 7	1.3	2.0							0.4	15.3
WS	. 7		2.0	2.0		2.0						6.7	14.5
WSW			1.3	1.3	1.3							5.3	10.4
*		.7	0.4	-								8.0	10.1
WWW			1.3	7.	1.3							3.3	14.0
*		1.3		1.3	7.							3.3	10.4
NNN				2.7	.7							0.4	13.7
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	0.	
	2.7	7,3	17.3	0.44	19.3	7.3	2.0					100.0	13.8

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DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

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140

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TOTAL NUMBER OF OBSERVATIONS

SOUTH WONTH

YEARS

73-77

STATION NAME

KEFLAVIK, ICELAND

18 NOURS (LS.T.

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2

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER CONDITION

10.8 16.2 13.7 14.5 12.6 11.1 11.7 14.1 10.1 MEAN WIND SPEED 10.00 100.0 2.0 17.5% 48 . 55 41 . 47 34 - 40 1. . 28 . 33 . 7 2.0 2.0 8.7 1.3 . 22 - 27 21.3 3.0 1.3 1 . 3 2.7 2.0 . 17 - 21 37.3 2.3 2.7 2.7 2.0 11 . 16 22.0 20011 1.3 7 - 10

DIRNAVOCEANMET SMOS

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SPEED (KNTS) DIR.

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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

1110

SURFACE WINDS

YEARS ALL HEATHER CONDITION

73-77

KEFLAVIK, ICELAND

21 HOURS (L.S.T.)

NON

SPEED (KNTS) DIR.	:	• •	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	% %	*	
z			1.3	9.3	2.7	1.3						14.	-
NN.			7.	3.3	1.3							0.9	0
N.		1.	L.	1.3								2.	-
E.				.7								1.3	133
			1.3	2.0								0.4	0
ESE		F.	1.3	0.4	1.							9	-
35				3.3	3.3	-1						83	-
SSE				2.7	1.3							4.7	1
s	•	7.2	4.7	2.7								10	-
SSW	•		3,3	1.3	1.3	1.3						8.0	0
AS.	•		2.0	2.7								0.9	0
WSW		1.3	2.0	1.3	۲.							5.3	m.
*		1.3	3.3	2.0	1.3							8.0	0
WNW			1.3	. 7								2.7	-
NN		1.3	2.7	1.3	. 7							0.9	0
NNN		.,	1.3	2.0	. 7							4.	1
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	•	0
	2.0	12.0	26.7	40.7	14.7	4.0						100.0	-

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DIRNAVOCEANMET SMOS

16201 STATION

MEAN WIND SPEED

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SPEED (KNTS) DIR.

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER

CONDITION

73-77

YEARS

ALL HOURS (LS.T.) NONTH

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								$\bigvee$	
								$\bigvee$	
								$\bigvee$	.1
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1.2

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NW NNW VARBL

CALM

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	ERV	
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	<b>MONE</b>	-
-	TOTAL	

1200

12.1

100.0

3

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33.7

23.5

13.9

4.5

1.5

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

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KEFLAVIK, ICELAND

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WSW

SSW SW

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#### SURFACE WINDS JAN 78 5702

SURFACE WINDS

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OO HOURS CLS.T.

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL MEATHER

KEFLAVIK, ICELAND

16201 STATION

CONDITION

	::	•	7 - 10	1 . 16	17 . 21	22 - 27	28 - 33	34 · 40	41.47	48 - 55	% AI	,	WEAN WIND SPEED
+	1.3	1.3	1.3	3.2	1.3	9.						0.6	11.8
-	1.3	2.6	0.	5.6	9.							7.7	8.8
-	1.3		1.9									3.2	5.8
-	1.3	0.	1.3									3.2	5.6
-		1.3	9.	1.3								3.2	0.6
-	1.3	1.3	2.6			9.						5.8	8.1
-		6.1	1.3	1.3	9.	1.3						6.5	13.4
-		9.	1.9	1.9	1.3							5.8	12.7
-	5.	3.9	4.5	4.5	ç.							14.2	6.8
-	9.		1.9	3.2								S .	9.7
-	0.	1.3		3.9	9.							6.5	11.3
-	0.	2.6	1.3	9.								5.2	4.9
-	1.3	1.3	0	0.	0.							7.7	8.0
-		3.2				9.						20	8.6
-	9.	1.9	1.9	1.3								5.8	7.
-		1.3	9.									1.9	5.7
-													
	X	X	X	X	X	X	X	X	X	$\bigvee$	X	3.2	
-	11.0	25.2	27.1	24.5	5.8	3.2						100.0	0.6

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1 1538

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155

TOTAL NUMBER OF OBSERVATIONS

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155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS ALL WEATHER CONDITION KEFLAVIK, ICELAND STATION MANE

73-77

HOURS (L.S.T.)

JUL

1.3 .6 1.3 3.2 1.3  1.3 .6 1.4 1.3  1.3 .6 1.4 1.3  1.3 .6 1.4 1.3  1.4 .6 1.9 3.9 .6  1.9 .6 2.0 1.3 .6  1.9 .6 2.0 1.3 .6  1.9 .6 2.0 1.3 .6  1.9 .6 2.0 1.3 .6  1.9 2.0 2.0 1.3 .6  1.9 2.0 2.0 1.3 .6  1.9 2.0 2.0 2.0 2.0 2.0  1.0 2.0 1.0 2.0 1.3 .6  1.1 2 2.0 2.0 2.0 2.0 2.0  1.2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	SPEED (KNTS)	1.3	•:	7 - 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	% AI	×	WIND
1.3 2.6 1.3 2.6 1.3 1.4 1.9 1.9 1.3 1.5 1.6 1.6 1.3 1.8 1.9 3.9 1.9 1.9 1.9 3.9 1.9 1.9 2.6 2.6 2.6 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 1.9 2.6 2.9 2.4.5 29.0 5.8 2.6	z	1.3		1.3		1.3							7.7	
1.3 1.9 3.0 5.6 1.3 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6	N.	9.				1.0							8 4	1
1.36 1.3666666666 .	Z.		6.1		1.3								3.2	7.6
1.3666666666 .	w X	1.3			1.3								3.9	7.8
1.3 . 6 1.9 . 6 . 6 1.3 1.9 3.9 . 6 . 6 1.9 1.9 3.9 . 6 1.9 . 6 2.0 1.9 . 6 1.9 2.0 1.9 . 6		9.	1.3	9.	9.		9.						3.9	9.2
1.9 1.9 3.9 1.3 1.9 3.9 1.3 1.9 3.9 1.9 1.9 3.2 1.3 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9	SE	1.3	5.	1.9	9.								4.3	
1.9 1.9 3.2 1.3 3.2 2.6 2.0 1.9 .6 3.2 1.9 .6 .6 1.9 .6 1.3 .6 1.3 .6 1.4 2.6 1.9 .6 1.5 2.6 1.9 .6 1.6 2.6 1.9 .6 1.7 2.9 24.5 29.0 5.8 .6		9.	1.3	1.9									7.7	-
1.9	SE	0.		1.9		1.3							0.6	10.5
1.9 1.9 3.9 · 6 1.9 · 6 3.2 1.9 · 6 1.3 · 6 1.3 · 6 1.9 2.6 1.3 · 6 1.9 2.6 1.9 · 6 1.9 2.6 1.9 · 6 1.9 2.6 1.9 · 6 1.9 2.6 2.9 24.5 29.0 5.8 · 6	s		3.5	2.6	5.0								4.8	8.2
1.9 .6 3.2 1.9 .6 .6 .6 .1.3 .6 .6 .1.3 .6 .6 .1.9 .6 .6 .1.9 .6 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.9 .6 .1.0 .10 .10 .10 .10 .10 .10 .10 .10 .1	¥5		1.9	1.9									***	10.5
1.3 .6 .6 2.6 1.3 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6	3	1.9											7.7	8.3
1.3 .6 .6 1.3 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .7 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	SW.	9.			1.3	0.							5.8	10.0
1.9 2.6 1.9 .6 2.6 2.9 .0 .0 12.9 23.9 24.5 29.0 5.8 .6	>	1.3		0.	1.3	0.							4.5	10.0
3.6 1.9 .6 .6 2.6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .	*	1.9		1.9	9.								7.1	5.8
12.9 23.9 24.5 29.0 5.8 .6	*	9.											3.2	0.9
12.9 23.9 24.5 29.0 5.8 .6	*		2.6		9.								3.2	4.9
12.9 23.9 24.5 29.0 5.8 .6	RBL													
23.9 24.5 29.0 5.8 .6	IM	$\bigvee$	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$		3.2	
		12.9				5.8	9.						100.0	8.7

DIRNAVOCEANMET SMOS

20

0 1550

16201

17

0

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

SARE

SURFACE WINDS

NOURS (L.S.T.) JUL YEARS 73-77 ALL MEATHER KEFLAVIK, ICELAND

CONDITION

SPEED (KNTS) DIR.	1.3	• •	7 - 10	11 . 16	17 . 21	22 - 27	28 . 33	34 . 46	41 . 47	48 · 55	8	×	WIND
z	1.3	5.2	1.9	4.5	•							13.5	8.5
NN	1.3		1.9	1.3	0.1							0.6	9.8
ž	9.		9.	5.6								3.9	11.0
ENE		5.	1.3									1.9	0.8
	9.	1.3	9.	9.								3.2	9.9
ESE	1.3	9.	1.9									3.9	5.3
35		9.	3.5		0.1							5.03	11.2
SSE		5.6		2.6	675							6.5	11.4
•		2.6	5.5	5.5	9.							13.5	10.4
SSW	•	9.	5.0	3.2	9.							7.7	10.3
SW		1.3	1.9	2								5.8	9.6
WSW		1.9	9.	1.9								4.5	9.3
*		5.5	1.3	9.								4.5	6.7
WWW	9.	9.	1.3	9.	••							3.9	8.8
N	9.	9.	1.3	1.3								3.9	8.3
NNW	9.	9.	9.									1.0	6.3
VARBL													
CALM	$\bigvee$	X	X	$\bigvee$	6.5								
	7.7	24.5	26.5	27.1	7.7							100.0	8.7
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DIRNAVOCEANMET SMOS

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155

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

CONDITION

YEARS

00 HOURS (1.5.T.)

JUL HTHON

9.6 10.3 11.2 7.0 10.8 12.5 11.9 9.1 10.4 10.5 111.1 MEAN WIND SPEED 7.1 - N - 5 11.6 5.0 3.2 1:1 3.2 4.5 3.2 3.2 5.6 100.0 1 . 9 z 12 48 - 55 . 47 7 4 2. . 33 28 . 6 9 1.9 9. 22 - 27 1.9 000 3.5 • 12.3 1.3 17 - 21 1.0 1.9 1.3 3.5 1.3 0 31.0 11 - 16 1.9 4.0.00 29.7 3.2 1.3 50. 1.3 1.3 7 - 10 000 16.8 1.3 2.5 1.9 4.5 1.3 0 00 1.3 0. 1.3 .. VARBL CALM WNW SPEED (KNTS) DIR. SSW WSW ¥ × Z Z Z 25 22 23 25 25 25 3K \* s

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DIRNAVOCEANMET

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16201

KEFLAVIK, ICELAND

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12 HOURS (L.S.T.)

JUL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CONDITION KEFLAVIK, ICELAND

RNE 1.3  RNE ENE ESE 55  SSW SSW SW	1		<u>9</u> .	17 - 21	22 . 27	28 · 33	34 - 40	41 - 47	48 · 55	% AI	,	WIND
	0	3.2	6.5	1.3	1.9						14.2	13.0
	1.3	5.1	3.5	1.9	1.3						11.0	12.8
	1.3		9.								1.9	8.0
	£ . 4	0.									1.9	6.3
	0.		9.	9.							1.9	12.3
	0.	9.	2.6								3.9	12.0
		1.9	7.1	1.		9.					11.0	14.6
	9.	3.2	1.3	9.							5.8	10.6
	1.3	3.2	5.5	1.3							11.0	10.9
		2.6	6.9	9.	9.						10.3	13.4
	9.	2.6	5.5	9.							4.6	10.7
	9.	1.3	9.								5.6	9.5
	1.3	1.3	0.								3.9	6.5
W	9.	1.9	•	9.							4.5	8.6
		1.9	1.3								3.2	4.6
NNN		1.3									1.3	9.5
VARBL												
CALM	$\bigvee$	X	X	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	1.9	
3.9	1.0	27.7	41.9	0.6	3.9	9.					100.0	11.4

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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1326

0

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10.5

11.0

13.8

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3.2 2.6

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WWW

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N N VARBL CALM

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5.6

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14.6

MEAN WIND SPEED

34 - 40

28 . 33

22 . 27

17 - 21

13.9

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9.2

7.1

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1 SURFACE WINDS JAN

SURFACE WINDS

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15 HOURS (LST.)

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PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

KEFLAVIK, ICELAND

YEARS

WEATHER CLASS ALL

CONDITION

> • 1.3

> > 2.6

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100.0 3.9 0

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TOTAL NUMBER OF OBSERVATIONS

0.

2.6

15.5

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30.3

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SMOS DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201 STATION

3.9 11 . 16 2.6 7 - 10 0.00 4.0 1.3 SPEED (KNTS) DIR.

MEAN WIND SPEED

12

48 . 55

41 . 47

34 - 40

28 . 33

22 . 27

17 - 21

11 . 16

7 . 10

4.6

-

1.3

1.3 0.1

3.2

9.

1.3

19.5

14.1

11.6 12.3

12.5

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WWW N N VARBL

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1.3

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SSW WSW WSW

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS

73-77

ALL WEATHER

1.8 T. S.T.

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5.3 9 8 8 9 7.1 100.0 10.3

10.3

12.6

9.8

4.5

12.3

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21.9

11.6

CALM

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155

12.0

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1

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

12695-05101

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

9221

16201

KEFLAVIK, ICELAND

SURFACE WINDS

21 NOURS CLST.

JUL

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

YEARS (FROM HOURLY OBSERVATIONS) 73-77 KEFLAVIK, ICELAND

ALL MEATHER

CONDITION

MEAN WIND SPEED	11.5	12.5	8.0	0.9	7.3	11.5	13.7	12,3	11.1	9.7	11.1	11.9	7.5	8.8	12.1	12.3			10.9
*	6.3	\$ · ®	1.3	1.9	3.9	5.2	4.5	13.5	0.6	5.8	6.3	0.6	7.1	8.4	0.5	2.6		0.	100.0
N 28																		$\bigvee$	
48 · 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 . 33																		$\bigvee$	
22 - 27							9.	9.	9.			9.		9.				$\bigvee$	3.2
17 - 21	1.3	0.1					0.	5.1			0.	1.			9.			$\bigvee$	8.4
11 . 16	1.9	4.5				2.6	2.0	5.8	4.5	3.2	3.2	5.6	9.	1.3	3.9	1.9		$\bigvee$	38.7
7 - 10	1.9		0.	5.	2.6	2.6		4.5	2.6	1.3	1.3	2.6	3.9	3.9	5.7	9.		$\bigvee$	31.0
4.6		5.1	9.	0.	1.3		0.	9.	0.	9.	1.3	6.7	2.6	1.3				$\bigvee$	14.2
1.3	1.3			3.					0.	5.				1.3				X	4.5
SPEED (KNTS) DIR.	z	W X	SZ.	ENE		ESE	SE	SSE	5	SSW	WS.	WSW	*	WNW	WM	NNW	VARBL	CALM	

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

0

16201

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

16201

1550

YEARS 73-77 MEATHER CLASS CONDITION KEFLAVIK, ICELAND

ALL HOURS (LS.T.

JUL

2 2.1 1.3 2.5 1 1.4 1.9 1 1.1 1.2 2.6 3.0 1 1 1.2 2.6 3.0 1 1 1.2 2.6 3.0 1 1 1.3 3.0 1 1 1 1.3 3.0 1 1 1 1.3 3.0 1 1 1 1.3 3.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-		; [	7 . 10	91 . 1	17 . 21	22 - 22	28 - 33	34 - 46	41 - 47	8 . 55	-	<b>35</b>	* 5
	. 6 2.1 1.3 2.5 1.7 .3 .3 .7 .8 .9 .1 .4 .5 1.0 .4 .1 .5 .6 1.4 1.9 .2 .1 .1 1.2 2.6 3.0 1.5 .3 .2 1.6 2.9 5.1 .5 .2 .3 1.0 2.1 1.5 .6 .2 .5 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2 .6 1.5 2.3 1.3 .2 .1	z		1.0	0.2	3.0	1.3						-		10.3
. 4 . 5 1.0 . 4 . 1 . 1 . 1 . 1	.4 .5 1.0 .4 .1 .1 .1 .1	NN	0.	2.1	1.3	5.5	1.7	. 3							8.5
. 4 . 5 1.0 . 4 . 1 . 1 . 1 . 1 . 1 . 1 . 2 . 5 . 6 . 6 . 6 . 1 . 1 . 1 . 2 . 2 . 1 . 2 . 1 . 2 . 1 . 2 . 2	. 4 . 5 1.0 . 4 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	w Z	.3	1.	30	0.									2.8
. 5 . 6 . 6 6 1 1	. 5 . 6 . 6 . 1 . 1 . 1	ENE		.5	0.1	4.									2.3
. 5 . 6 1.4 1.9 . 2 . 1 . 1 1.2 2.6 3.0 1.5 .3	.5 .6 1.4 1.9 .2 .1 .1 1.2 2.6 3.0 1.5 .3 . .3 .6 2.3 4.6 .9 .1 .5 .9 2.2 2.9 .6 .2 .5 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2 .6 1.5 2.3 1.3 .2 .1		*.	6.	9.	0.									2.7
.1 1.0 1.3 3.0 1.5 .3	.1 1.0 1.3 3.0 1.5 .3	188	5.	0.	1.4	1.9	. 2	7.							4.7
.3 .6 2.9 5.1 .5 .23 .6 2.3 4.6 .9 .1 .5 .23 1.0 2.1 1.5 .4 .6 .9 .1 .5415415	.3 .6 2.9 5.1 .5 .2	*		1.0	1.3	3.0	-	.3	-						7.2
.3 .6 2.9 5.1 .5 .8 .6 2.3 4.6 .9 .8 1.0 2.1 1.5 .4 .6 1.5 2.0 1.0 .2 .9 .6 1.5 1.0 .2	.3 .6 2.9 5.1 .5 .5 .6 2.3 4.6 .9 .5 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2 .1 .5 1.6 .2	358	1.	1.2	2.6	3.0	1.5	.2	. 1						5.5
.3 1.0 2.1 1.5 .4 .6 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2 .6 1.5 2.3 1.3 .2 .1 .6 1.5 1.6 .2	.3 1.0 2.1 1.5 .4 .6 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2 .6 1.5 2.0 1.0 .2	•	.2	1.8	5.0	5.1	•								10.6
. 6 1.5 2.0 1.0 .2 .2 .2 .9 .6	. 6 1.5 2.0 1.0 .2 .46 1.5 2.0 1.0 .2	SSW	. 3	9.	2.3		6.								60
. 6 1.5 2.0 1.0 .2 .46 1.5 2.0 1.0 .2	. 6 1.5 2.0 1.0 .2 .2	NS.	0.	5.	2.2	5.9	0.	•							7.4
.6 1.5 2.0 1.0 .2 .6 1.5 2.3 1.3 .2 .3 .6 1.5 1.6 .2	.6 1.5 2.0 1.0 .2 .6 1.5 2.3 1.3 .2 .3 .6 1.5 1.6 .2	WSW	.3	1.0	2.1	1.5	*	.1							5.4
.3 .6 1.5 1.6 .2	.3 .6 1.5 1.6 .2	*	9.	1.5	2.0		.2								5.3
.3 .6 1.5 1.6 .2	.3 .6 1.5 1.6 .2	WWW	9.	1.5	2.3		.2	.2							0.0
.1 .0 1.1	.1 .6 1.1 .8	WW	.3	9.	1.5	1.6	.2	1.							4.4
	VARBL	MNW	.1	ç.	1.1	œ.	. 2								2.8
CALLA			, ,			0		1							0 001

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DIRNAVOCEANMET SMOS

1240

TOTAL NUMBER OF OBSERVATIONS

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11.8

8.0 3.5

15.3 14.9

10.1 8.1 0

2 6 6

1

6.3

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19.4

26.5

10.1

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3.0

NINW VARBL

CALM

14 0

MEAN WIND SPEED

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

1

SURFACE WINDS

73-77

KEFLAVIK, ICELAND

YEARS

ALL WEATHER

CONDITION

NOURS (LS.T.

AUG

13.5 3.9 3 5 5 12 . 55 8 41 . 47 34 - 40 28 . 33 000 • 2.6 0 . 27 22 00 2.0 00 000 17 - 21 . 0 0 E 3.2.9.6 11 - 16 1.9 0.1 

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ENE

OBSERVATIONS	
or ob	
NUMBER	
TOTAL	

155

SMOS DIRNAVOCEANMET

16201

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SPEED (KNTS) DIR.

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WSW

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

## SURFACE WINDS

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8 E

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

WEATHER CLASS COMBITION 41.4

NOURS (LST.

AUG

YEARS

73-77

SPEED (KNTS) DIR.	::	:	7 . 10	11 . 16	17 . 21	22 - 22	28 · 33	34 - 40	41.4	48 . 55	8		WIND WIND SPEED
z	99	1.9	3.9	1.3	1.3	1.3						9.7	11.5
N.		0.	3.2	1.3	1.0							7.1	11.9
w		0.	1.3	•	9.	9.						3.0	14.0
ENE	\$.	3.2	1.9	0.								6.9	6.5
		3.9	1.9	1.9								7.7	8.1
ESE	0.	1.3	1.3	0.	1.3							5.2	10.3
SE	9.	1.3	1.3	3.2	5.1							3.0	11.6
SSE		1.3	1.9	1.3	1.3	9.	4.					7.1	13.5
s	1.3	3.9	6.5	5.6	1.9	0.						16.8	10.0
SSW	1.3		1.9	1.3	3.5	9.						8.4	13.1
SW													
WSW			9.	9.								1.3	11.5
*	1.3	1.3	1.9	1.3	0.							6.3	7.8
WWW		9.	1.9									2.6	7.5
WW	1.3	0.		9.								2.0	5.5
NNW	9.	9.		9.								1.9	5.7
VARBL							8						
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	4.5	
	7.7	21.3	29.7	18.1	14.2	3.9	0					100.0	6.6

336

DIRNAVOCEANMET SMOS

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155

TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1330

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16201

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

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1550

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

E

SURFACE WINDS

YEARS 73-77 WEATHER CLASS CONDITION ALL

06 NOURS (L.S.T.)

AUG

SPEED (KNTS) DIR.	÷.	*;	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 . 46	41.47	48 - 55	8	,	WIND SPEED
z	1.3	2.6	1.9	1.9		1.3	9.					4.6	11.0
N.		1.3	1.3	1.9	2.0							7.1	13.4
NE NE	9.	0.	0.	1.3	9.							3.9	4.4
FRE		7.0	2.6		0.							3.2	8.1
	9.	4.3	9.	3.9	1.9							11.6	1001
ESE	1.3	0.	1.9	0.	1.3	0.						6.5	11.2
SE		5.7	0.	1.9								4.5	9.1
SSE	1.3	3.2	0.	2.6	1.9	1.9						11.5	12,3
5	1.3	2.6	5.5	3.9	5.1	0.						15.5	10.3
SSW	9.		1.3	1.9	1.9	9.						6.3	13.3
NS.			1.3									1.3	8.5
WSW		٥.				9.						1.3	13.0
*	0.			1.3	0.							2.6	11.5
WNW	1.3	0.	9.	9.			9.					3.9	9.5
××		1.3	0.									1.9	6.7
NNN		1.3	9.									1.9	5.7
VARBL													
CALM	$\bigvee$	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	5.2	
	0.6	23.2	20.0	21.9	13.5	5.8	1.3					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

4.9 9.5 155

TOTAL NUMBER OF OBSERVATIONS

100.0

0

7.7

12.9

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27.1

15.5

SURFACE WINDS JAN 78

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HOURS CLS.T.

AUG

YEARS

73-77

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

9 2

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SURFACE WINDS

WEATHER CLASS 410

14.1 12.9 12.6 11.0 10.0 4.4 15.5 14.3 13.7 10.3 3.0 7.7 5.0 9.0 2.6 3.9 3.2 1.3 3.2 7.1 × 12 55 \* . 47 7 4 2. 0. 3 28 ..3 1.3 1.3 . ... 22 - 27 1.3 2.6 0 0 0 0 0 1.9 ... 17 - 21 2.6 3.5 1.9 3.9 2.6 1.3 3.9 9. 9. 11 . 16 1.900 1.3 . 3 3.2 1.3 0 0 7 - 10 1.3 0 6 6 6 2.0 9. 4.6 000 1.3 1.3 1.3 WNW VARBL SPEED (KNTS) DIR. Z SSW WSW N N CALM Z Z 2 2 2

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DIRNAVOCEANMET SMOS

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16201

KEFLAVIK, ICELAND

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

MEAN WIND SPEED

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17 - 21

11 . 16

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4.6 6.8

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#### SURFACE WINDS

9 5

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12 HOURS (L.S.T.)

AUG

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL MEATHER

CONDITION

1000 0.00 4.5 2.0 ... 100.0 3.9 3.5 × 1 56 48 · 55 41 . 47 34 - 40 0 0 0 0 28 . 33

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TOTAL NUMBER OF OBSERVATIONS

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7.6

18.1

29.7

20.0

13.5

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CALM

VARBL

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SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

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SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

KEFLAVIK, ICELAND

16201

YEARS

CONDITION

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15 HOURS (LST.)

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MEAN WIND SPEED 12 48 . 55

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SPEED (KNTS) DIR.

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TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

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VARBL CALM

ALC: MEDI MEDI MEDI

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SURFACE WINDS

SURFACE WINDS JAN 78 \$ 5702

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 ALL WEATHER

YEARS

CONDITION

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

1330

16201

KEFLAVIK, ICELAND

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS ALL WEATHER

73-77

2.1 HOURS (L.S.T.)

AUG

CONDITION

41 - 47 48 - 55 \geq 55 \S 56 % WIND SPEED	9.0 13.4	3.9 13.7	4.5 11.3	1.9 9.3	7.7 8.8	8.6 4.8	11.0 10.6	9.7 14.5	9.0 11.1	7.1 15.5	9.8 9.0	4.5 8.1	4.5 8.4	3.2 10.0	6.6 8.4	5.2 9.8		0.	
28 - 33 34 - 40							9.			9.								$\bigvee$	
22 - 27	1.9		9.					1.3	9.	9.	9.							$\langle \rangle$	
17.21	3 1.9	1.3		•	9.	9.	•	3.9	9.	1.9	9	-	9.	•	•	9.		$\bigvee$	
91 - 11	1.3	1.3	0.	9.	1.3	3.9	4.5	1.3	3.9	6.1	1.3	1.3	9.	1.3	1.3	1.3		$\bigvee$	
7 . 10	1.9		1.3	9.	2.6	1.3	3.2	1.3	1.3	0.	1.3	1.9	1.3	1.3	2.0	1.9		$\bigvee$	
9:+	1.3	4.	0.	9.	1.9	4.	2.6	9.	2.6	9.	3.6	0.	1.3	0.	\$.	1.3		$\bigvee$	
	9.		0.		1.3	1.9		1.3		0.		9.	0.					$\bigvee$	
SPEED (KONTS) DIR.	z	NNE	Z	ENE		ESE	*	SSE	s	SSW	NS.	WSW	*	WNW	¥	NNN	VARBL	CALM	

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7.4

DIRNAVOCEANMET SMOS

1 2

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

KEFLAVIK, ICELAND

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16201

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1240

TOTAL NUMBER OF OBSERVATIONS

ALL HOURS (LST

AUG

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

THE

SURFACE WINDS

73-77 WEATHER CLASS

13.0 13.5 4. 10.01 13.3 10.2 11.5 4.6 .. 0.6 11.5 MEAN WIND SPEED 0 6 6 4 4 100.001 2. 12 . 55 4 41 - 47 34 . 40 1.4 2 - 2 -• 28 . 33 .6 6. 7.6 \* 1.5 22 . 27 1.5 1.3 2.5 9. 4 4 14.5 1.5 • • 17 - 21 3.5.00 0.001 25.4 9 . = 3.4.5 1.0 1.0 24.2 7 . 10 17.2

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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TOTAL NUMBER OF OBSERVATIONS

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5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2

SURFACE WINDS

73-77 WEATHER CLASS ALL

KEFLAVIK, ICELAND

16201

YEARS

CONDITION

SPEED (KNTS)		4.6	7 . 10	11 - 16	17 . 21	22 . 27	28 - 33	34 - 40	41 . 47	48 · 55	8		,
z	1.3		2.0	6.7	1.3	1.3							13.3
N.		2.0		0.4	2.7								9.3
Z.		7.	1.3	1.3	1.								0.4
ENE				2.7									3.3
	2.0	1.3	3.3	2.7	1.3								10.7
ESE				5.0	1.00	. 7							4.7
35			1.3	4.0	2.7								00
SSE		2.7	.7	2.7	1.								7.3
s	2.0		3.3	2.7	1.	1.3							14.0
SSW	1.			1.	1.3								3.3
SW	.7			2.0									3.3
WSW		3.3	. 1										4.7
*			2.7	1.									3.3
WNW			. 7	1.	1.								2.0
NW			.7										
NNN	. 7	2.0	1,3	.7									4.7
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	X	X	\ /	2.7
	8.7	18.0	18.7	22 3	14.7					7			0001

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DIRNAVOCEANMET SMOS

TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SEP	KTHON	60	HOURS (L.S.T.
73-77	YEARS	ALL XMATHER	CLASS
J ICELAND	STATION NAME		

CONDITION

SPEED (KNTS) DIR.	£:-	•	7 . 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 . 47	48 - 55	8	,	WIND SPEED
z		2.7	0.9	2.7	2.7	1.3						16.0	11.
N N		2.7		0.4	1.3	.7						10.0	11.
w Z			2.0	1.								3.3	12.
E.			1.	3.3		. 7						5.3	13.
		1.3	2.0	2.1								0.9	10.
ESE				1.3		1.3						4.7	17.
SE			1.3	2.7	2.0							8.7	14.
SSE		2.7	0.4	3.3								10.7	6
•	2.7	2.0	2.7	5.3		. 7						13.3	9.5
SSW	2.0				. 7							0.4	9
SW				1.3								2.7	13.
WSW			2.0	1.3								0.4	6
*			1.	1.3								10)	6
WNW			2.0									2.0	6
×													11.
XXX		1.3										2.0	6.0
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	3.3	
	7.3	17.3	26.0	30.7	10.0	4.7			.7			100.0	10

DIRNAVOCEANMET SMOS

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KEFLAVIK

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16201

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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#### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WEATHER CLASS

ALL

YEARS

NOURS (LST.

SEP

CONDITION

11.2 MEAN WIND SPEED 124443 2.0 100.0 0.4 \* 12 48 . 55 . 41 . 47 34 - 40 28 . 33 2.0 . . 7.3 . . 7 22 - 27 . 1.3 4. 1.3 3.3 . 11.3 . 5.0 . 17 - 21

1.0.4

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WSW WSW

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CALM

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11 - 16

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TOTAL NUMBER OF OBSERVATIONS

26.7

20.0

25.3

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SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

KEFLAVIK, ICELAND

### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER

KEFLAVIK, ICELAND

16201

1330

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CONDITION

HOURS (L.S.T.)

SEP

SPEED (KNTS) DIR.	÷	• •	7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 - 40	41.40	48 - 55	% AI	8	WIND
z	2.0	2.0	3.3	1.	2.7	1.3	1.3					13.3	13.0
Z		2.7	2.0	4.7	1.							10.7	11.8
Z.		2.0	1.	3.3								0.9	10.6
ER	1.	1.	2.7	2.7								6.7	9.6
	1.	1.	2.0	1.3	40							6.7	11.9
ESE		1.	1.3	1.3	2.0	1.3						6.7	15,3
35		2.0	1.3	2.0	2.0	1.3						8.7	14.1
SSE	7.	1.		2.0	2.0	. 7						0.9	14.0
0		3.3	2.7	2.7								6.3	8.0
SSW	1.	1.3		1.	.7		.7					4.7	12.3
WS.			1.03	1.		1.3						3.3	15.4
WSW			3	1.3	4.							5.3	11.8
*	F.		7		. 7							2.7	6.3
WNW	2.0											2.0	2.0
*	7.	1.3	.7									2.7	5.8
N. N.	4.		1.3	1.	4.							3,3	10.0
VARBL													
CALM	X	$\bigvee$	X	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	2.0	
	9.3	17.3	24.7	24.0	14.0	6.7	2.0					100.0	11.4

DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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1.2 HOURS (LST.

SEP

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER CONDITION KEFLAVIK, ICELAND

5.0	2.0 2.7 1.3 1.3 2.0 3.3 .7 1.3 1.3 2.7 4.0 1.3 .7 3.3 1.3 .7 .7 1.3 2.0 1.3 .7 1.3 2.0 1.3 .7
	2.0 1.3 .7
2.7 1.3 1	2.0
2.7 1.3 1.	

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

15 HOURS CLST.

SEP

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SURFACE WINDS

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5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

YEARS 73-77 STATION NAME KEFLAVIK, ICELAND

ALL WEATHER

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CONDITION

SPEED (KNTS)	1.3	•	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	> 26	,	MEAN
DIR.					i								SPEED
z	1.	2.0	. 7	0.9	2.0	2.0						13.3	14.4
N.			1.3	4.0	3.3							8.7	15.5
NE NE		۲.	1.3	2.0	2.0							0.9	13.7
ENE		1.3	1.3									0.4	12.2
			1.3		2.0	1.3						4.1	17.4
ESE												2.7	18.0
SE			1.3	0.4	2.5	1.3	. 7					10.7	17.6
SSE				2.7	1.3							4.7	14.1
s		1.3	2.7	5.3	1.3							12.0	13.5
SSW		1.3	1.3	2.7								5.3	10.4
SW		1.3	2.0									0.9	6.6
WSW				2.7								0.4	15.8
*				3.3								5.3	10.8
WNW		۲.	1.3	1.3								3.3	9.6
NW			. 7	1.3								2.7	10.3
NNW		1.3		2.7	4.							5.3	10.5
VARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	1.3	
	1.3	111.3	18.0	40.7	18.0	7.3	1.3	.7				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

20

1550

0

16201

MEAN WIND SPEED

13.7 14.9

1.3

10.7

16.5 12.2

10.0

11,3

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

18 HOURS (L.S.T.)

SEP

CONDITION

	SPEED (KNTS) DIR.	z	NNE	NE	ENE		ESE	35	SSE	•	SSW	SW	WSW	*	WNW	WW	MNW	VARBL	CALM	
	1.3	1.									. 7			.,			.7		$\bigvee$	2.7
	9.7	1.3	. 7			1.	1.			. 7				.7	۲.	1.3	3.3		$\bigvee$	10.0
	7 . 10		.7	1.3		1.3	1.3	3.3	3.3	2.0	2.7			2.0	.7	1.3	.7		X	20.7
	11 . 16	4.0	0.0	2.7		1.3	1.3	2.7	4.7	2.1		1.3	3.3	2.7	3.3	1.3	1.3		X	38.7
	17 - 21	4.7	2.7	2.0	1.03		2.7	2.0		2.0				1.					X	20.7
	22 - 27	.7	.7								. 7	1.							X	0.4
	28 - 33							. 7											$\bigvee$	1.3
	34 - 40							1.											$\bigvee$	7.
	41 - 47																		$\bigvee$	
	48 · 55																		$\bigvee$	
	<b>%</b>																		$\bigvee$	
۲						1			1											

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0.4 0.0

TOTAL NUMBER OF OBSERVATIONS

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SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

KEFLAVIK, ICELAND

寺山山

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10.01

MEAN WIND SPEED

12

48 . 55

41 . 47

34 - 40

28 . 33

22 . 27

17 - 21

11 . 16

7 - 10

4.0

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7.3

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3.3

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Z Z

ESE

SE

5702 SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

CONDITION

21 NOURS (LST.

SEP

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VARBL CALM

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TOTAL NUMBER OF OBSERVATIONS

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18.0

8.7

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150

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SMOS DIRNAVOCEANMET

1332

KEFLAVIK, ICELAND

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16201

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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VARBL

CALM

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#### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

KEFLAVIK, ICELAND

73-77

YEARS

MOURS (LST.)

SEP MONTH

CONDITION

SEATHER CLASS

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

71

. 55 4

111.3 10.2 8.2 8.1 11.2 11.9 (A) 4.4 4.7 3.00 1.9 100.0 ev.

TOTAL NUMBER OF OBSERVATIONS

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14.9

32.5

21.3

10.1

6.1

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DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

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MEAN WIND SPEED

12

22 - 27

17 - 21

11 - 16

7 - 10

4.6

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SPEED (KNTS) DIR.

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

92

SURFACE WINDS

WEATHER ALL

73-77

STATION NAME

KEFLAVIK, ICELAND

CONDITION

YEARS

OO HOURS CLS T

DCT HONTH -

48 . 55 41 . 47 34 - 40 0.0 28 . 33 1.3 0

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VARBL

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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SURFACE WINDS

5702

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 W PATHER ALL

YEARS

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17 - 21

11 . 16

7 . 10

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SPEED (KNTS) DIR.

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HOURS CLS.T.

OCT WONTH

8.4 10.6 11.8 8.4 13.6 12.5 12.5 13.6 11.5 6.3 11.7 16.4 WIND SPEED 5.8 5 2 0 0. 1.0 100.0 2 12 55 4 . 47 7 0 9 3 000 2.6 0 33 28

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1552

16201

KEPLAVIK, ICELAND

VARBL

CALM

(3)

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28 - 33

22 - 27

17 - 21

11 - 16

7 - 10

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SPEED (KNTS) DIR.

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# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL WEATHER

CONDITION

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NOURS (L.S.T.)

DC T

12.6 9.8 11.6 11.8 11.4 10.2 5.3 10.0 11.2 11.7 10.1 12.8 MEAN WIND SPEED 8.4 12.9 9 100.0 @ @ W @ W % 71 . 55 4 41 - 47

5

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1.0 4.5

3.9 9.

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

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CALM

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16201

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

16201

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ALL WEATHER

YEARS

00 HOURS (1.5.T.)

DC 7

CONDITION

SPEED (KNTS) DIR.	1:3	• •	7 - 10		17 . 21	22 . 27	28 - 33	34 · 40	41 . 47	48 · 55	% AI	*	WIND SPEED
z	9.	3.2	1.9	2.6	9.							0.6	6
NN.			1.9	3.9	1.3	.0.						7.7	13.
N.		6.1	2.0	1.3	1.3							7.1	10.3
ERE	9.	0.	1.9		9.	9.						4.5	10.9
	1.3	3.9	3.2	1.9		1.3						11.6	6
ESE		1.3	9.	1.9	3.9	9.						8.4	15.5
35		1.3	3.2	5.6		6.7						0.6	12.4
SSE		1.3	9.	2.6		1.3						5.3	13.4
s		1.3	8.	1.9	0.	0.	0.					11.0	11.
SSW		9.	9.	1.3	1.9		9.					5.2	15.6
AS.	9.	1.3			9.	9.		0.				3.9	14.
WSW	9.		1.9	1.9								4.5	10.6
*	9.	1.3	1.3		9.							9.6	7.
WNW		9.	1.3									1.9	7.0
NA				9.								9.	13.0
NNW				1.9	9.							2.6	14.
VARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	3.2	
	4.5	18.7	27.1	24.5	12.3	7.7	1.3	9.				100.0	11.4

MEAN WIND SPEED

41 . 47

34 - 40

28 . 33

22 - 27

17 - 21

11 - 16

7 . 10

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WSW

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SSW

WNW N N VARBL CALM

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 \*EATHER ALL

YEARS

12 HOURS (LST.)

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6.5 0.6 7.1 12 48 . 55

10.5

11.9

7.5 12.2 2.6 100.0

1

TOTAL NUMBER OF OBSERVATIONS

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2.0

7.7

14.8

27.1

23.5

12.9

8.4

SMOS DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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KEFLAVIK, ICELAND

16201

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(3)

TOTAL NUMBER OF OBSERVATIONS

7

5702 SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

MES MES MES

SURFACE WINDS

73-77 STAFR CLASS ALL

YEARS

15 HOURS (LST

OC T

CONDITION

WIND SPEED	12.6	11.7	8.2	10.4	12.4	15.4	15.1	14.4	15.5	15.2	23.4	18.0	9.8	12.0	10.0	10.3		13.3
,	0.6	7.6	4.00	6.5	10.3	4.00	400	7.7	7.7	3.9	5.2	4.3	2.0	2.0	1.9	1.9	1.3	100.0
% AI																	X	
48 - 55																	X	
41 - 47																	X	
34 - 40									0.		0.						X	1.3
28 . 33					0.	g.	9.				0.			9.			X	3.2
22 - 27				9.		1.3	9.	1.3	•	9.	1.3	1.3					X	7.7
17 . 21	3.9	2.0		•	1.9	1.0	1.3	1.3	1.0	0.	9.	100					X	18.1
11 . 16	1.3	2.6	5.6	1.3	3.9	1.9	3.9	5.6	1.9	1.3	1.9	1.3	1.3		9.	1.3	X	29.7
7 - 10	1.0	3.2	5.0	1.3	1.3	2.0	1.3	2.6	2.6	1.3				1.3	9.		X	22.6
• • •	1.9	1.3	1.9	1.9	0.		0.					0.	1.3		0.		X	11.0
	-	-	-	0	-	-	-	-	-	-	-	-	-	0	-	0	( )	-

NW WW

VARBL

CALM

WSW WSW

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SSW

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SPEED (KNTS) DIR.

(w)

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16201

KEFLAVIK, ICELAND STATION MANE

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17 . 21

11 . 16

7 . 10

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SPEED (KNTS) DIR.

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NNK VARBL CALM

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155

TOTAL NUMBER OF OBSERVATIONS

5.8

14.2

27.7

23.2

19.4

3.9

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DC T

HOURS (L.S.T.

E

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 MEATHER ALL

YEARS

CONDITION

15.9 110.01 17.6 16.3 6.6 8.8 5.5 11.9 MEAN WIND SPEED 3.000 2.6 100.0 2.6 12 . 55 8 41 . 47 6. 0 0 34 - 40 0 1.3 0 28 . 33

> SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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KEFLAVIK, ICELAND

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

STATION NAME

KEFLAVIK, ICELAND

YEARS

ALL WEATHER

21 NOURS (LST.

UCT WONTH

CONDITION

SPEED (KNTS) DIR.	1.3	•	7 . 10	91 - 16	17 . 21	22 - 27	28 · 33	34 · 40	41.47	48 - 55	% %	,	MEAN WIND SPEED
z	0.	1.9	3.0	2.6								0.6	9.1
N.N.		5.	4.5	3.2		0.						0.6	10.8
¥		3.2		0.		1.3						5.2	10.8
ENE	9.		2.6	1.3	1.3							7.1	10.3
-	9.	1.9	3.2	3.9		9.						10.3	10.1
125		2.6	1.9	1.9		1.3		9.				0.6	13.6
25		1.9	2.6	1.3	1.3	1.3						8.4	12.4
325		1.9	9.2	1.3								7.1	11.7
5	9.	1.9	5.2	5.6	1.3		0.					12.3	11.4
SSW	9.	9.	9.	1.9								3.9	10.0
NS.				1.3				9.				1.9	
WSW	0.				9.	0.	0.					2.0	18.8
*		9.	9.						9.			1.9	21.0
WNW		0.	0.		9.							1.9	10.7
¥		1.9		0.			9.					3.2	11.6
NNW	9.		1.9	9.								3.2	8.2
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	3.9	
	4.5	21.3	30.3	23.2	5.8	7.1	1.9	1.3	9.			100.0	11.2

DIRNAVOCEANMET SMOS

0

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155

TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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1240

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

73-77

YEARS

ALL WEATHER

ALL HOURS (L.S.T.)

OCT WONTH

CONDITION

SPEED (KNTS) DIR.	:	• • •	7 - 10	91 . 19	17 . 21	22 · 27	28 · 33	34 . 46	41.4	48 - 55	8	*	MEAN WIND SPEED
z	5.	2.2	2.9	2.0	1.6							9.6	10.4
N.	.3	6.	2.4	3.1	1:1	.2						8.1	11.5
w Z	.5	5.7	1.0	1.8	٠.	2.						5.9	7.6
ENE	9.		2.3	1.0	6.							7.3	10.7
	1.1	2.4	2.7	5.9	6.	4.	•					10.5	10.0
ESE	2.	1.6	1.4	1.5	2.1	20.	*					8.0	14.0
SE	3.	1.3	2.6		1.4	1.0	.2	.2				9.6	13.0
SSE	.1	.5	2.2	2.5	1.0	1.0						7.2	13.5
50	5.	1.1	3.7	4.5	1.3	4.	. 3	1.				10.5	11.6
SSW	-:		9.	1.2	•	0.	-:	7.				4.1	15.4
SW	4.	2.		1.1	1.	4.	6.9	~				3.4	17.6
WSW	4.	7.		1.0	•			. 2				4.0	17.1
*	2.	1:1	1.	30.			•	-	-:			3.3	10.8
WNW	€.	.5	1.	.3	. 2							2.1	0.6
¥	2.			4.		1.	•					2.0	6.6
NNN	e.	4.	9.	6.	. 2	.2						2.5	10.7
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	1.9	
	6.3	17.6	24.8	26.2	13.5	6.7	1.9	1.0	.1			100.0	11.8

DIRNAVOCEANMET SMOS

16201

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

100

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 WEATHER CLASS CONDITION ALL KEFLAVIK, ICELAND

00 NOURS (1.5.T.)

NOV

SPEED 1 · 3 DIR.	z	N.	ž	F.		656 1.	35	SSE	•	SSW	· MS	WSW	*	WNW	. ww	NNW .	VARBL	CALM	
;		1.3	2.0	7 2.0	1.3	3	2.7	•	3.3		1		•			7		$\langle \rangle$	
7 . 10	1.3	1.	~	2.0	3 2.7		2.0		1.3	2.0		1.		. 7		2.7		X	
5 . 16	5.3	4.7	3.3		.,	2.7		2.0	2.7		1.3	. 7		.7		.7		$\bigvee$	
17 . 21	4.7	2.7	1.3			1.00	2.7	2.0	2.0		2.0	1.3			. 7			$\bigvee$	
22 - 22	2.7	2.1	. 7	.7			2.0	.7			1.3							$\bigvee$	
28 · 33							. 7	4.					. 7					$\bigvee$	
34 . 46									. 7									$\bigvee$	
4 . 4																		$\bigvee$	
48 · 55																		$\bigvee$	
<b>%</b>																		$\bigvee$	
,	15.3	12.0	7.3	5.3	4.7	6.0	10.7	6.7	10.0	3.3	5.3	2.7	2.7	1.3	2.0	4.7		0.	
MEAN WIND SPEED	15.0	15.9	12.9	8.6	7.7	11.9	14.1	16.0	12.3	12.4	17.0	15.0	22.8	13.0	8.3	11.0			

DIRNAVOCEANMET SMOS

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TOTAL NUMBER OF OBSERVATIONS

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16201

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

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(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) NOV YEARS 73-77 ALL WEATHER CONDITION KEFLAVIK, ICELAND

MEAN WIND SPEED	13.3 16.1	12.0 17.2	10.7 13.9	4.0 9.3	7.3 9.1	4.7 13.6	9.3 14.5	8.7 15.6	6.7 10.7	4.0 14.7	4.7 21.4	3.3 20.0	2.0 11.0	1.3 5.0	3.3 11.6	3.3 10.0		1.3	
<b>3</b> 5																		X	
48 - 55																		$\setminus$	
41.4																		$\bigvee$	
34 - 40								1.3			1.							$\bigvee$	4
28 - 33									.7									$\bigvee$	2 5
22 - 27	4.7	2.7	.7	. 7			1.3			1.3	. 7	2.0	. 7					X	
17 - 21	1.3	4.0	2.7				2.7	1.3		. 7	20)							X	. 0 .
11 · 16	4.0	1.3	5.3	1.	2.0	1.3	.7	2.7	1.3		1.3	1.			1.3			X	7 00
7 . 10	1.				0.4	1.3	1.3	2.0	1.3	1.3						2.0		X	
*		1.	1.	1.3	1.3		2.0	1.3	2.7	. 7								X	
:: ::	1.3	1.		۲.			-							1.		1.		X	
SPEED (KNTS) DIR.	z	N.	¥	ENE	-	ESE	SE	SSE	•	SSW	3W	WSW	*	WNW	¥	NNN	VARBL	CALM	

SMOS DIRNAVOCEANMET

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150

TOTAL NUMBER OF OBSERVATIONS

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130

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

KEFLAVIK, ICELAND

16201

YEARS ALL WEATHER

CONDITION

MEAN WIND SPEED	3.3 17.0	16.0 16.1	7.3 12.0	3.3 8.6	4.7 7.7	8.7 10.6	12.0 15.4	7.3 11.5	8.0 12.3	3.3 14.8	4.7 16.6	4.0 19.8	1.3 11.0	.7 21.0	1.3 5.5	2.7 13.0		1.3	100.001
95 AI	1	-					1											X	10
48 - 55																		X	
41.47																		$\bigvee$	
34 - 40							1.3											$\bigvee$	2.0
28 - 33	1.3						. 7											$\bigvee$	7.7
22 - 27	2.7	0.4				.7	1.3				.7	1.3						$\bigvee$	10.7
17 . 21	4.7	4.7	2.0			2.0	2.0	1.3	1.3		1.3	1.				. 7		$\bigvee$	21.3
11 . 16	1.	3.3	2.0	. 7	1.	.7	2.0	2.7	3.3	2.0	2.7	1.	۲.			1.3		X	23.3
7 - 10	2.7	2.7	1.3	2.0	2.0	2.0	2.0	1.3	2.7									X	10.3
9:+	1.	1.3	2.0		2.0	1.3	2.0	2.0							1.3	1.		X	14.0
1.3	1.					2.0	1.											X	5.3
SPEED (KNTS) DIR.	z	ZNZ	¥	ENE		ESE	35	SSE	•	SSW	NS.	WSW	*	WNW	WW	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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SURFACE WINDS

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POURS LLS.T.

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PERCENTALE FREQUENCY OF WIND DIR TION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 KEFLAVIK, ICELAND

ALL WEATHER

18.3 17.0 10.1 10.6 115.2 115.2 14.2 3.5 14.8 13.0 13.6 MEAN WIND SPEED 20001 0 1.3 100.0 12 48 - 55 41 . 47 1. 34 - 40 2.0 ... . 28 . 33 12.0 4 21 . . 1.3 . . . . 22 . 27 . 0 112 . 7 18.0 . 2.0 17 - 21 28.0 2.0 3.3 5.3 2.0 1.3 11 . 16 2.0 22.0 2.0 1.3 2.7 7 - 10 2.7 10.7 1.3 . . 4.6 2.0 . 1.3 SPEED (KNTS) DIR. WSW \*N\* N X VARBL CALM Z SSW Z Z ¥S. SE SE \* w 00

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

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16201

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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12 HOURS (LS.T.)

NON

YEARS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CONDITION

SPEED (KNTS) DIR.	£:-	*;	7 . 10	91 . 11	17 - 21	22 - 27	28 - 33	34 - 40	41.47	48 . 55	8	×	MEAN WIND SPEED
z		1.3	3.3	4.7	3.3	3.3						17.3	15
W Z			. 7	7.3	0.4	2.0	. 7					16.0	16.3
¥.		2.0	1.3	1.3								5.3	9.6
ENE			1.3	1.3	1.3							4.7	11.
		1.3	2.7		. 7							0.9	6
ESE			3.3									4.7	80
SE		2.7		2.0	1.	2.0	1.	1.3				6.3	18
SSE			2.0	۲.		. 7						5.3	12.
~		2.0	3.3	5.3		.7						12.0	11,
SSW			.7	.7	3.3							0.0	15.
SW				2.0			.7					0.4	13,
WSW					1.3	1.3	1.3					0.4	24.
*				1.3								1.3	14.
WNW		.,											5.0
¥													
NNN												2.7	9.3
VARSE													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	4.	
	4.0	14.0	19.3	27.3	18.0	11.3	4.0	1.3				100.0	14.0

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TOTAL NUMBER OF OBSERVATIONS

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SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

KEFLAVIK, ICELAND

16201 STATION

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 416

YEARS

WEATHER

CONDITION

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SPEED (KNTS) DIR.

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15 HOURS (LS.T.

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14.6 15.5 10.6 19.2 12.8 15.2 17.0 19.3 12.4 3.5 WIND SPEED 6 2 3 3 333 18.0 0.9 7.0 1221 1.3 100.0 12 55 3 . 7 . 47 7 . 9 3 3.3 . 33 28 2 E . L 0 12.7 22 . 27 20.7 5.3 2 2 3 3 2 . 7 2.7 • 17 - 21 2.0 1.3 27.3 2.7 2.7 11 . 16 2.07 2337 1. -6 20.7 . . 7 - 10 2.0 1.3 . . 1.3 10.0 .

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

KEFLAVIK, ICELAND

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SURFACE WINDS

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18 HOURS (LS.T.)

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

16201 STATION

ALL WEATHER

YEARS

CONDITION

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11 - 16

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SPEED (KNTS) DIR.

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

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TOTAL NUMBER OF OBSERVATIONS

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## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL MEATHER CONDITION KEFLAVIK, ICELAND

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NON

	1.3	7.10	11.15	17.21	2.2	28 . 33	34 - 40	41 . 47	48 - 55	% AI	10.0	and the second s
•	-		0.4	0.4	2.7						10.7	
-			3.3	1.0							e.	
		2.0		1.3	. 7						5.3	
.7 2	2.0	2.7	1.3								6.7	
		1.3	1.3	1.							4.0	
	1.3	1.3	3.3	••	1.3	. 7					12.7	
.7 2	5.0	2.7	3.3			1.3					11.3	
.7 1	1.3	1.3	2.0	1.3							6.7	
			1.								1.3	
		-1	1.3	1.3							5.3	
			1.3	1.3		1.3					0.4	
	. 7										1.3	
				1.							2.0	
	-										.7	
2	2,0	1.3	.7								0.4	
X	$\langle \rangle$	X	$\bigvee$	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	2.7	-
5.3 11	11.3	16.7	28.0	22.7	9.3	4.0					100.0	

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

16201

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SPEED (KNTS) DIR.

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

YEARS

ALL NEATHER

ALL HOURS (LST.

NON

CONDITION

12.6 16.8 12.5 10.6 3.6 14.8 16.3 17.9 18.4 9.1 8.4 10.6 12.1 16.1 WIND SPEED 3.4 13.9 4.4 5.5 9.7 9.2 6.4 3.9 2.0 1.3 1.2 1.0 3.1 12 55 4 . 47 7

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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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KEFLAVIK, ICELAND

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17.4

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3.2

10.2

20.2 18.8 17.4

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MEAN WIND SPEED

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48 . 55

. 47 7

9 34

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28

22 . 27

17 - 21

11 . 16

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SPEED (KNTS) DIR.

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

SURFACE WINDS

73-77

YEARS

SEATHER CLASS

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

1550

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CALM

16201

KEFLAVIK, ICELAND

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

KEFLAVIK, ICELAND

16201

ALL MEATHER

YEARS

HOURS (L.S.T.)

DEC

CONDITION

..3

SPEED (KNTS) DIR.

MEAN WIND SPEED	14.5	18.3	10.7	11.9	10.6	14.5	17.3	14.3	15.1	14.6	19.6	22.9	16.9	13.0	15.2	9.3			15.8
,	4.8	16.1	6.5	5.2	5.2	7.1	0.6	5.8	4.5	3.2	5.5	0.6	7.7	9.	3.5	1.9	-	6.1	100.0
% AI																		$\langle$	
48 . 55							9.												•
41.4												9.							9.
34 - 40		9.										1.3	•				1	X	2.6
28 . 33	9.					•	0.			0.	9.	1.3	1.3					$\langle$	5.8
22 . 27	9.	4.5	1.3	1.3		•	1.3	•	•		9.	1.9	1.3		9.			$\langle$	15.5
17 - 21	0.1	5.5	9.		•	5.1	1.3	9.	1.9	9.	2.6	0.			•		(	$\langle$	18.7
91 · 16	1.3	3.2		9.	1.3	1.3	1.9	3.2	9.	9.	1.3	1.3	1.9	9.	9.			$\langle$	20.0
7 . 10	1.9	9.	2.0	1.9	2.6	1.3	1.9	9.	9.	9.		1.9	9.		1.3	1.9	(	X	20.6
• •	1.9	1.9	1.3	0.	9.	•		0.	9.	0.			1.3				(	$\langle$	10.3

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WNW

VARBL CALM

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SURFACE WINDS JAN 78

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NOURS CLS T. DEC YEARS 73-77 ALL MEATHER CONDITION KEFLAVIK, ICELAND

z	1.3	• •	7 - 10	91 - 11	17 - 21	22 - 27	28 - 33	34 . 40	41 . 43	48 - 55	8	*	WIND SPEED
	1.9	1.3	1.3	1.3	9.	1.9	0.					0.6	13.1
N.		1.3	0.	3.9	3.5	5.0	1.9					13.5	18.2
w		1.9	1.3	5.6	1.3	1.3						<b>3</b>	13.5
ENE				0.	7.0	9.						3.2	18.2
		1.3	4.5	0.	0.	6.1						0.6	12.
ESE	1.3	2.6	9.		-							7.1	10.3
SE				1.9	2.6	1.3	1.03					7.1	20.
SSE	9.	1.3	1.9	9.	1.3	1.3						7.1	12.5
9			0.	1.9		9.						3.5	14.0
SSW			•		••							1.9	10.1
*S			0.	0.	0.1	1.3	9.					5.5	19.
WSW				2.0	1.3	1.9		1.9				7.7	24.0
*		1.3	1.9	1.3	1.3	9.	2.6					0.6	17.9
WWW		5.	1.3	1.3								3.2	10.8
¥			1.3			9.						1.9	13,3
WNW		9.	1.3									1.9	8.0
VARBL													
CALM	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	1.3	
	3.9	12.9	18.1	19.4	18.1	17.4	7.1	1.9				100.0	15.4

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

16201

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155

TOTAL NUMBER OF OBSERVATIONS

1

TOTAL NUMBER OF OBSERVATIONS

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)

SEATHER CLASS ALL

0.9 HOURS (L.S.T.)

DEC

YEARS

73-77

SPEED (KNTS) DIR.	1.3	• •	7 - 10	1 . 16	17 . 21	22 . 27	28 - 33	34 . 40	41 . 47	48 · 55	8	*	WIND
z		2.6	1.3	3.9	2.6							10.3	12.4
W X		9.	1.3	3.2	3.0	3.9	9.					13.5	18.3
¥			1.3	9.	3.8		0.					5.8	16.8
SNE SNE			1.9	2.6	9.		0.					S	15.3
_		9.	6.1	3.2	1.0							7.7	12.7
ESE		3.2		1.3	1.3	9.	9.					7.1	13.1
3		9.	1.9		1.9	1.9	1.3					7.7	18.5
SSE		0.		1.3								1.9	10.7
•			1.9	1.9		9.						4.5	12.6
SSW	1.9	9.			9.		1.3					4.5	12.1
SW			9.	9.	.9		9.					3.2	18,2
WSW		9.		5.6	3.9	6.1	1.9					11.0	19.5
*				1.9	9.							3.9	18.7
WNW			9.	1.3	6.1	0.						4.5	15.7
NW		9.			1.0	0.1						3.9	18.8
NNN		9.	1.3									1.9	6.7
VARBL													
CALM	$\bigvee$	X	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	2.6	
	1.9	11.0	14.2	24.5	25.2	12.9	7.7					100.0	15.3

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

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16201

KEFLAVIK, ICELAND

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155

TOTAL NUMBER OF OBSERVATIONS

9 = SURFACE WINDS

5702 SURFACE WINDS JAN 78

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 KEFLAVIK, ICELAND

YEARS WEATHER CLASS ALL

12 HOURS (LS.T.)

DEC

CONDITION

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SPEED (KNTS) DIR.	1.3	• · •	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	A 26	*	MEAN WIND SPEED
z	4.	1.	1.3	3.2	2.5							0.6	11.9
N.N.	9.	•	2.6	9.	7.1	1.3	2.0					15.5	18.1
w Z		1.3		1.3	2.6	1.3		9.				7.1	17.5
ENE		1.3	1.3	1.3	0.							4.5	10.4
		3.9	1.9	3.2		9.						4.6	9.6
ESE	0.	•		9.	2.6		1.3					6.3	16.5
SE	0.	•		•	1.	1.9	1.3					6.5	19.4
SSE		9.	1.3			1.3	9.					3.9	17.0
•		5.1		1.3	•							9.0	10.5
SSW						7.9						3.2	20.8
NS.		•	1.3			1.3	9.					5.5	17.6
WSW		•		1.9	3.9	9.	9.					7.7	17.4
*		9.		3.9		2.6	3.5					10.3	20.6
WNW				9.	9.		9.					1.9	1
ž			9.			9.		0.				1.9	1
NNN		1.3		9.								1.9	
VARBL													
CALM	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	1.3	
	2.6	15.	11.0	20.6	23.2	13.5	11.0	1.3				100.0	16.0

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SMOS DIRNAVOCEANMET

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16201 STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

343

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

YEARS 73-77 CONDITION

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15 HOURS (LS.T.)

DEC

SPEED (KNTS) DIR.	:	• •	7 . 10	11 . 16	17 . 21	22 - 27	28 · 33	34 . 40	41 . 47	48 . 55	8	,	WIND SPEED
z	1.3	9.		3.9	1.3	2.6	1.3					11.0	1
N.		1.3	1.3	1.3	5.0	1.9	1.9					13.5	
w		\$.	9.	2.6	1.3	9.						5.8	
ENE		1.9	0.	4.5	1.3							8.0	
	9.	3.9	1.3	9.		0.						4.8	
ESE	0.	0.	1.3		3.9	9.		1.3				8.4	
35		0.	1.3	9.	•		9.					3.9	
SSE	9.	9.	1.9				1.3					4.5	
	9.		1.3	1.3	0.		9.					4.5	
SSW				9.	•	•						1.9	
SW			9.	1.3		1.3	9.					3.9	
WSW				3.9		0.1	9.					7.7	
*		9.	9.	1.3	1.9	4.5	1.3					10.3	20.2
WNW			9.	9.	1.3	9.		1.3				4.5	21.
NW													
NNN								9.				9.	35.0
VARBL													
CALM	$\bigvee$	2.6											
	3.9	11.0	11.6	22.0	21.3	15.5	8.4	3.2				100.0	

100

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

1550

0

16201 STATION

KEFLAVIK, ICELAND

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17.9

MEAN WIND SPEED

SURFACE WINDS JAN 78

7.4

16.3 16.0

11.7

SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

KEFLAVIK, ICELAND

16201

0

1556

0

0

73-77

WEATHER CLASS

770

18 HOURS (LS.T.)

DEC

10.3 5.8 300 9 2.6 100.0 1.3 \* 12 48 . 55 41 . 47 1.9 0 0. 34 . 40 1.0 0 6 0 8.4 0. 1.3 0 0 28 . 33 0 0 1.9 2.6 0 0 . 14.2 22 - 27 3.6 • 2.0 00 ... 21.3 5.2 17 . 21 00 1.3 26.5 11 . 16 000000 3.2 13.5 7 - 10 0000 0.6 1.3 0. 4.0

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15.0

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WNW

VARBL N X

CALM

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155

TOTAL NUMBER OF OBSERVATIONS

15.9

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DIRNAVOCEANMET

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

IZEM SZIBI

(FROM HOURLY OBSERVATIONS)

WEATHER CLASS ALL

73-77

KEFLAVIK, ICELAND

16201

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YEARS

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2.1 HOURS CLS.T.

DEC

CONDITION

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SPEED (KNTS) DIR.	1.3	4.6	7 . 10	91 . 16	17 - 21	22 - 27	28 . 33	34 - 40	41 . 47	48 - 55	% %	*	WIND
z		1.9		2.6	2.6	9.	9.					4.8	16.0
N.N.	0.	1.3	3.2	1.9	2.6	4.5	•					14.3	16.3
ž			0	1.3	2.6							4.5	16.0
Z.		1.9	1.9	9.	1.3							00	10.3
		3.9	3.2			0.						4.5	4.6
ESE		1.3		6.1	1.3	3.5	1.9					2.5	19.7
*	0.		1.3	0.	1.9	1.9						6.5	15.7
SSE	9.		•	1.3		0.		9.				3.9	15.8
s		1.3	9.	1.9	9.							4.5	11.7
SSW													
SW			1.9	1.3	1.9		9.	9.				6.5	17.1
WSW		0.	1.3	1.9	1.9	9.	1.9	9.				0.6	19.4
*			9.	3.9	9.	9.	1.9					7.7	18.1
WNW				1.9	9.	1.3						3.9	19.0
×				1.3	9.	9.						2.6	18,3
NNN				1.3			9.					1.9	18.3
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	X	X	$\bigvee$	X	X	$\bigvee$	9.	
	0	12.3	5.5	25.2	19.4	8 41	8.4	1.9				100.0	15.9

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DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

3.9

MEAN WIND SPEED

28 . 33

22 - 27

17 - 21

11 . 16

7 - 10

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2 4 8

16.0 19.4 18.8 17.6

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WNW

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ALL HOURS (L.S.T.)

DEC

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

73-77

ALL WEATHER

CONDITION

YEARS

12 7. . 55 8 41 - 47 4. ~ -34 - 40

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2 2 1 1 2 2 2 1 1 2 8

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TOTAL NUMBER OF OBSERVATIONS

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1240

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DIRNAVOCEANMET

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SSE SSE ES

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VARBL

CALM

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16201

KEFLAVIK, ICELAND

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

300

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77 ALL MEATHER

YEARS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	:-	• •	7 - 10	11 . 16	17 . 21	22 - 27	28 . 33	34 . 46	41 - 47	48 · 55	<b>%</b>	×	MEAN WIND SPEED
Z	4.	1.2	2.1	2.8	1.9	1.2		0.	0.			10.0	14.0
NN	2.	1.1	1.7	2.8	2.4	1.3	.3	٠.	0.			6.6	15.0
Z.	.2	1:1	1.4	1.6	1.0	4.	0	0.				5.7	12.
FE	.3	1:1	1.3		•	£0.	0.		0.			5.1	10.
	5.	1.4	2.8	1.8	6.	4.		0				9	11.0
ESE	6.		1.2	1.5	1.2	. 7		7.				6.2	14.
35	.2	1.0	1.5	5.4	1.7	1•1	*.	7.	0.	0.		8.4	15.2
SSE	2.	30	1.0	2.7	1.5	8.	~	0.				8.1	13.9
•	5.		5.6	3.3	1.3	. 7	.2	7.				10.0	12.4
SSW	.3		1.0	1.8	6.	5.	~		0.			2	14.0
SW	. 2	*.	6.	1.6	·		.3	.2	0.			5.3	15.8
WSW	2.	••	6.	1.3	**	•	.3	~	0.			4.00	15.
*	.2		1.1	1.5	. 3			٠.	0.			4.0	13.5
WNW	£.	9.	æ.	1.		•	7.	•	0.			3.0	11.1
NW	.2	.5	.7	.7	. 2	• 1	0.	0.	0.			2.5	10.8
MNN	. 2	9.	3.	30	. 2	0.	0.	0.				2.0	10.3
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	X	X	X	X	X	$\bigvee$	1.6	
	4.6	13.7	21.7	28.6	16.1	9.3	3.2	1.1		0.		100.0	13.2

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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16201

KEPLAVIK, ICELAND

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS 73-77 INSTRUMENT

KEFLAVIK, ICELAND

16201

1 1330

0

ALL HOURS (LS.T.)

ALL

CIG 200 TO 1400 FT H/VSBY 1/2 MI DR MORE,

AND/OR VSRY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

YS6 WIND	2.5 13.	2.0 13.9	1.7 12.	2.0 12.1	4.5 13.	8.0 17.2	15.5 18.5	15.1 10.5	16.0 14.4	-	6.7 17.3			3.0 12.3	1.8 12.	1.4 10.1		ll l
48 · 55							•											Control of the Contro
41.47		0.					-:			0.			0.		0.			The state of the s
34 - 40	0.	.2			0.	. 2	٠.	0.	. 2	. 2	4.	. 2	. 2	.1		0.		The second secon
28 · 33	• 2	•	0.		0.	9.	5.7	•	.5	5.	9.	. 3	• 5		0.	0.		
22 - 27		.2	.2	.3	· .	1.6	2.9	2.1	1.7	1.1	6.	9.	.5	-	.2			
17 - 21	.3	2.	6-3	. 2	æ.	2.0	3.6	4.5	3.0	1.8	1.3	1.1	8.	•	.2	•		
11 . 16	4.	4.	.3	4.	1.5	1.7	4.4	5.3	3.0	3.0	1.8	5.1	1.0	.5	9.	. 3		
7 . 10	9.	S.	ary.	.5	•	1.1	1.8	1.7	3.0	1.2	1.2	0.1	1.1	. 7		4.		
• ;	.3	4.		*.	0.	9.	0.	9.	1.4		.3	.3		9.	4.			
· . 3	.2	7.	7.	es:		7.	-:	2.	4.	~	-:	.2	2.	.3		-:		
SPEED (KNTS) DIR.	z	N.	w Z	EN.		ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	¥	NNN	VARBL	

TOTAL NUMBER OF OBSERVATIONS

0

3319

DIRNAVOCEANMET SMOS

equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to presented as follows:

- Annual all years and all hours combined
- By month all years and all hours combined By month by standard 3-hour groups

station was meeting or exceeding any given set of minima may be determined from the figure at the intersection reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown Due to the cumulative nature of this presentation, it is possible to letermine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visiferring to totals in the extreme right band column. Also, visibility may be determined independently by bility. The totals progress to the right and downward. Ceiling may be determined independently by reon pages 2 and 3 below. U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit cellings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque. includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948.

# EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

	0 11	79	)	95.6			98.1		100.0
	<b>%</b> A	7(							
	> 5/16	$\langle$							
	۷ ٪								
	% AI	)	)						
	% AI	)(	)						
ES)	71						7.72		98.3
VISIBILITY (STATUTE MILES)	¥1 VI	3							
BILITY (ST.	V . V	3							
VISI	2 2								6.96
	2 2 1/2	7(							
	VI S	(		0.16					95.4
	4								
	VI VI	7	)						
	VI VI	3							
	01 \	(							
CEILING	(FEET)	NO CEILING	1	2 1500	N 1200		VI VI 00 04	N N	0 0 0

Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table: Ceiling > 1500 feet = 92.6%.

Ceiling > 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table:
Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

EXAMPLE # 4

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility Values below minimums stated in the table may be obtained by subtracting the value given from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet < 3 miles, subtract the value read from the table at the intersection, which is 91.0, and/or visibility < 3 miles. in the table from 100%.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

### PART D

### SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data. NOTE: # 1:
- Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

TENTHS	0 H M 4 W 0 0 0	្ន
		opscared)
OKTAS	0 H W M A W W P	(or

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NONTH OOM

CEILING							VISII	BILITY (STA	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	5 1	۰ ۸۱	\$ 41	4	N N	> 2%	1 2	¥1 ¥	¥1 ¥1	-	AI AI	*	AI Z	> 5/16	AI	٨١
NO CEILING			4				*			*			4	4	4	3
> 20000			3	25.5	25.5	25.5	25.5			5	25.5	25.5		3	25.5	25.5
				26.1	.0				9	9	0		0	9		
00091			.0	26.1	;	9	26.1		.0	9				0	9	26.1
				26.8			.0	0	0	0	0	0	0	9	9	9
2 12000		26.8	.0	26.8	;		.0	26.8	0			•	0		;	
1					-		-					-	-		-	
0006			00	28.1	00	00			*	8	30	•	20	8	00	00
1			2		2		2.		2	2	2	2.	7	2.	2.	2.
141	41.2	41.8	41.8	41.8	41.8	41.8	41.8		41.8	41.8	41.8	41.8	41.8	-	41.8	-
			-		-		-	•	-	-	-	-	-	-	-	-
0005			-		:	•	-	:			-		-	-	-	
			-	\$1.8	-		-	-:	-	-	-		-:		-	-
1 4											*		*	4	;	
			2	3.	3	5.	5	5	0	5	5	2	5	5	2	2
3000			5	52.9	52.9	•	52.9		3		3		3		2.	
				58.8					002	00	8	8	8		8	8
7 2000			:	-	5	è	72.6	2	2	2.	3	2.	2.	2.	5	
			3	2	3	9	3	3.		3	3	3	3	3	3	3
≥ 1500			-	-	3	5	5	2.	3	2.	5	5	3	5	2.	5.
			2	85.6			.9		0	9	0	. 9	.0	9	•	9
0001 <					89.5	6	89.5	89.5	89.5			6.06	0	6.06	6.06	6.06
			6		0		.0		0	2.	5.	5.	5	2.	2.	92.2
008			0	30.5		-	:	:	:	5		5	3	5	5	95.8
			0		-	91.5	-	•	:	2	2	2	7	2	95.8	95.8
009 <		84.3	ċ		5	N	2	2	5.	'n	3	3	•	3	3	93.5
			0			•	N		5.	4	*	*		. 4	1.06	1.46
V 400			0	6.06	5		5	3.	3		;	;		•		94.8
		*	.0		5.	•	~	•	3.	3	2	2	1006		4.16	4.16
> 200		*	.0		5	•	5.	3				-	30.7	•	98.0	98.7
		64.3	•	0	92.2	2.26	95.6	200		4.56		42.4	1.96	8	1.86	7.66
٥			0			85.5	2			4.56		4.56	1.06	•	99.4	00.00

TOTAL NUMBER OF OBSERVATIONS

153

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JAN

03 HOURS (1 S T )

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CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	£S)						
(FEET)	5	9	\$ 1	<b>AI</b>	ام د	≥ 2%	N AI	71	VI VI	-	≱ Al	*	2	≥ 5/16	AI	٨١
NO CEILING	10.2	16.2	16.2	16.2	16.2	17.5	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
ower v		18.8	80			18		18.8				18.8				
1 4 000		19.5		19.5		19.5	19.5	19.5			19.5	19.5	19.5	19.5		19.5
		19.5		19.5	0		6		6		6	19.5		6	6	19.5
12000		20.1	20.1	20.1	0	20.1	20.1	20.1	0	·	0	20.1			20.1	20.1
		20.8	0	20.8	0		0		0	ò	0	20.8	0	ċ	5	20.8
0006		21.4	21.4	21.4	21.4	21.4			-	-	21.4	21.4	-	-	21.4	21.4
1		24.0	*		4		;		*		3	24.0	*		*	24.0
7000		35.7	35.7	35.7	3	35.7	35.7	35.7	35.7	5			2		35.7	35.7
		35.7	5	35.7			5		3	2		35.7	2	5	35.7	35.7
2000		35.7	35.7	35.7	35.7	35.7	35.7	35.7	5		35.7	35.7	35.7	35.7	35.7	35.7
		35.7	2		35.7		5		2	3.		35.7	5		35.7	35.7
141		40.3	0	40.3			0		0	ċ	40.3	40.3	0		40.3	40.3
		43.5	3	43.5	3				3			43.5			43.5	43.5
3000		50.0	20.1	50.7	50.7		0	50.7	50.7	50.7	.0		50.7	50.7	0	50.7
1		56.5		57.8	-		-								57.8	57.8
1 2000		69.5	0	70.8	0		0	0	0	0		10.8	0		0	70.8
		69.8	0	70.8	0	70.8	0		0	•	0		70.8			70.8
1500		16.0	8	4.61		-	-	-		-	:		81.2		31.8	81.8
		79.5	2	84.4	85.7	86.4		86.4	0		36.4		0	•	87.0	87.0
1000		82.5	87.0	89.6	6.06	91.6	91.6		-	-		91.6		-	92.2	92.2
		83.1		6.06	5.			~			65.6	65.6	95.9		93.5	93.5
8 AI		83.8	89.0	91.6	6.76	•	93.5		3	;	2.56	34.5	34.5	;	94.8	94.8
		03.0	6	91.6		93.5	93.5	93.5	•	*		34.5		94.2	8.46	94.8
8		83.8	0.68	91.6	65.6	94.2		3.46	*	94.8	3.46	8. 96	8.46	94.8	95.5	95.5
		83.8	0.68	91.6	3.	94.8		9. 46		3.96	4.16	4.16	97.4	97.4	98.1	98.1
8		83.8	89.0	91.6	93.5	8.46	95.5	65.5	95.5	97.4	98.1	1.86	98.1	98.1	98.7	98.7
		83.8	89.0	91.6	93.5	8. 46		95.5		97.4	68.1		98.1	98.1	4.66	7.66
30		83.8	89.0	91.6	93.5	8.46	98.5	95.5		4.16	98.1	98.1	98.1	98.7	4.66	4.66
		83.8	89.0	91.6	93.5	94.8	95.5	65.5	95.5	97.4	98.1	98.1	1.86	7.86	00001	0.001
٨١		83.8	89.0	91.6	93.5	94.8	62.5	65.5	95.5	97.4	98.1	68.1	98.1	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET SMOS

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16201

KEFLAVIK, TCELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

HOURS (L S T NONTH NOW 90

2

23.4 8.89 70.1 36.4 44.8 29.5 25.3 9.68 33.1 1.68 34.5 24.0 24.0 25.3 33.1 36.4 58.4 92.2 2.56 39.0 8.89 4.64 24.7 70.1 33.1 33.1 44.8 24.7 24.0 0.68 24.0 25.3 36.4 29.5 33.1 58.4 68.89 9116 93.5 25.3 33.1 39.0 1001 6.64 24.7 33.1 63.1 93.5 24.7 33.1 44.8 25.3 39.0 83.1 93.5 \$9.4 8.89 89.0 29.5 33.1 24.0 25.3 36.4 8.44 1001 6.64 9116 93.5 33.1 24.7 33.1 33.1 24.7 2 ٨١ 24.0 33.1 89.0 25.3 25.3 39.0 58.4 8.80 83.1 93.5 1001 6.61 9.16 93.5 25.3 29.2 33.1 33.1 36.4 8 . 44 24.7 33.1 ٨١ 29.5 93.5 39.0 0.68 36.4 24.0 33.1 44.8 58.4 8.89 4.64 91.6 63.5 24.7 33.1 33.1 83.1 70.1 33.1 24.7 24.7 AI 25.3 25.3 25.3 25.3 29.2 29.2 83.1 93.5 24.0 24.0 24.0 33.1 33.1 58.4 68.8 91.6 25.3 25.3 36.4 33.1 39.0 44.8 70.1 40.6 0.68 93.5 24.7 24.7 33.1 ٨I VISIBILITY (STATUTE MILES) 39.0 8.89 0.68 33.1 33.1 44.8 100/ 6.64 83.1 91.6 93.5 33.1 33.1 36.4 58.4 ¥1 25.3 33.1 63.5 24.7 93.5 24.0 39.0 44.8 58.4 6.64 83.1 91.6 8.89 0.68 29.5 23.4 36.4 33.1 70.1 24.7 33.1 33.1 24.0 38.4 24.0 24.7 25.3 39.0 89.0 68.8 70.1 4.61 9116 93.5 29.5 33.1 36.4 44.8 83.1 33.1 33.1 92.9 20.5 39.0 65.5 0.42 24.0 66.2 24.7 25.3 25.3 33.1 33.1 44.2 57.8 68.2 79.2 88.3 6.06 92.9 33.1 36.4 33,1 2 2% 6.26 36.4 39.0 25.3 33.1 8.78 68.2 69.5 79.5 82.5 88.3 6006 6.76 24.0 24.0 25.3 29.5 33.1 24.7 33.1 2.44 24.1 83.1 87.0 36.4 36.4 76.6 78.6 25.3 68.2 67.5 69.5 6.06 24.0 89.6 24.7 29.2 29.2 33.1 33.1 33.1 33.1 44.2 57.8 57.8 6.06 25.3 25.3 25.3 25.3 33.1 39.0 24.7 24.7 ٨١ 33.1 87.0 87.0 25.3 39.0 6.99 83.1 33.1 85.7 24.0 24.0 24.0 24.0 24.7 44.2 23.4 33.1 71 28.6 29.2 6.99 38.3 39.0 25.3 33.1 33.1 36.4 57.8 78.3 81.2 44.2 2.99 64.9 76.6 83.1 24.7 24.7 33.1 63.1 33.1 67.5 83.1 ٥ ۱۸ 57.8 67.5 25.3 50.7 43.5 67.5 67.5 35.5 64.3 0.47 35.5 32.5 57.8 32.5 35.7 2 NO CEILING VI VI 00081 00081 12000 (FEET) > 20000 000 000 000 2000 4500 8000 3000 2500 1500 900 88 88

11 11

AI AI

AI AI

ALAI

AI AI

0

ALAI

AI AI

ALAI

ALAI

TOTAL NUMBER OF OBSERVATIONS

96.8

154

4.16

96.8

8.96

8.96

98.7

8.46

34.5 95.5

2.46

94.2

2.46

93.5 94.2

93.5 94.8

93.5 94.2

92.9

92.9

6.06

87.0

83.1 83.1

67.5 67.5

AI AI

65.6

95.5 8.96 8.96

95.5

95.5 96.1

95.5

94.8

93.5

93.5

6.06

87.0

83.1

67.5

88

61.8 67.8

88

67.5

80

6.06

87.0

95.5

93.5

6.06

87.0 87.0

94.6

62.5

1.96

0.0

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

12595-05181

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.0 NOURS (1.5.1.)

JAN.

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	01 1	۰ ۸۱	8 41	41	٨١	> 2%	N Al	¥2. ¥2	71	ĀI	ير ۸۱	*	Z AI	≥ 5/16	71	٨١
NO CEILING	. 5	19.5		19.5		3	6	19.5	19.5			19.5	19.5	19.5	19.5	19.
> 20000		20.1		20.1	20.1	20.1		20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
	0	20.1		20.1	20.1							0		20.1	20.1	20.1
00091 3	0	20.1	20.1	20.1	20.1		20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
	0	20.1		20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
> 12000	19.5	20.1		20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1		20.1	20.1
	19.5			20.1		7.07	20.1	20.1	20.1		20.1	0	20.1	1007	20.1	20.1
0006	21.4	22	C	22.1	22.1	22.1	2.	22.1	2	22.1	3	22.1	22.1	22.1	22.1	22.
	24.7	56	50.			.0			0	9	0					26.0
7000	31.2	32.5	3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	35.5	32.5	32.5	32.5
1	31.8	33.1	33.	33.1	33.1	3	3	3.	3			3	3			33.
2000	32.5	33.8	33.	33.8	3	33.8	33.8	33.8	3			33.8	3		33.8	33.8
	33.1	34	24.3			*	4	*	*		*	34.4	3	*	34.4	34.4
1 1	33.1	34.	;	34.4	;	34.4	34.4		34.4		34.4	34.4	•	34.4	34.4	34.4
	37.0	38.	2	38.3	8	80	00			8	00	8	9	00		38.3
3000	41.6	. 55	;	44.2	*	*	;		;	*		7.44		4.		44.2
1	4.65	53	4			4	3	5	55.2		5			55.2	2	55.5
1 2000	59.1	99		69.5	69.5	69.8	70.1	70.1	70.1	70.1	70.1	ò	70.1	70.1	70.1	70.1
	59.7	67.	6	70.8		0	=	-	-		-			71.4	-	71.4
1500	64.3	74.	-	19.9		0	-	-	81.2		-	81.2		81.2	-	81.2
	6.49	75.		81.2	81.8	81.8		82.5		82.5	2	82.5		83.1	83.1	83.1
1000	6.99	77.	-	84.4		5	5		86.4		-					87.7
	6.99	78.6		85.7	86.4	9		87.7	87.7	88.3	8	88.3			89.0	89.0
008	6000	79.2	*	87.0	87.7	-	. 8		89.0			9.68		90.3	0	606
		79.2	84.4			0		2	92.2		65.6	92.9	93.5		34.5	94.2
8		79.2		88.3	80.3	0	-	6.26	6.76	93.5	ë	93.5	2.46		8 . 96	94.8
		79.2	85.1			0			93.5		94.8	*	1.06	96.1	96.8	96.8
141	66.99	79.2	85.1	89.0	0	6.06	2	;	94.2	4		95.5				97.4
	;	19.2	85.1		6.06	0		2.46	34.2		1.96	1.96	1.86	98.1		466
38	6.99	79.2	85.1		6.06	0	92.2		94.2	;		1.96	98.1	98.1	0.00	100.0
	0	79.2	85.1	0.68	6.06	6.06		3.46	34.5	8.46	1.96	1.96	1.06	98.1	0	100.0
١٨١		79.2	85.1	89.0	6.06	6.06	92.2		94.2	8.46	1.96	1.96	98.1	98.1		100

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

IZE95-0C (81

1.2 HOURS (1.5.T.) ZAC MONTH

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		_				_		_		_		_		_		_				_		_				_	_	-		_		
	٥	1.5	8.3	9.5	9.5	9.5	9.5	11.4	22.7	4.1	34.4	15.1	15.1	15.1	0.6	12.9	11.3	3.9	3.0		6.6	19:1		7.7	9.6	1.0		5.5	8.9	0.0	0.00	i
	3	.5	8	.5	5	5	5	4.	7	1.	4	7		1	0	6	3	6.	000	9 9.		1.	0	7	9	9	6 7	5	3	710	710	-
	Al	-	1.8	19	19	19	19		22	54	34		33	35	39		51	-	63	5	40	85	87	87	89	6	92	95	96	86	98	
	5/16	7.5	8 . 8	6.6	6.5	9.5	9.5	1.4	2.7	4.7	4.4	5.1	5.1	5.1	0.6		1.3	3.9	3.0			2.5	7.0	1.1	•	1.6	2.2	5.5	6.8	8.7	8.7	
	Al	5 1	8	9	2 5	2	2	-	7 2		4	1 3	6	10	m	*	3	~	0	0	~	20	20	100			_	6	2	~	8	
	N N	-	18	19.	19.	19.	19		22.	24.	34.	35.	35		38	2	51.			0	6	85.	7	-	68	06	.16	. 76	95.	•	96	1
	*	.5	8 . 8	5.	.5	5.	. 5	*	1.		4 .	7.	1 .		0.								0.		9.	6.6	9.	•		-	7:	
	٨١	-	8 18	51 6	51 5	51 0	5 19	7 4	7 22	1 24	+ 34	3	35	3	39	3	3 51	2	0	9		0		80	83	0	. 91	0	0		0	+
	۸I مر	-	18.	6	16			-	22.	24.	34.		35		39.0	2.	51.3		3	5.	6	85.	1		89.6		91.0		95.5	9	1.96	
	-	2.5	8.8	6.5	6.5	5.6	6.8		2.7	1.1	4.4	2.1	5.1		0.6		1.3		3.0		6.6	4	4.5	0.	0.6		6.0	3.5	2		8 . 4	I
(CES)	AI	5 1	7	3	2	2	5 1	2	7 2			•		m	0 3	3	3	~	9 0	9	2 7	80	00			0		5	6	0	0	K
VISIBILITY (STATUTE MILES)	VI 3.	-	18.	19.	6	19	6		22.	24.	34.				39.0		51.3		63.	5	79.			85.1		80	•	•	9116	-;	91.6	
TY (ST,	7.	5.	8.8		6.8	5.6	6.	3.	2.7		4.4	1.5	5.1		0.6		1.3		3.0	2.0	. 2	2.5	* .	2.1	0.	8.3	. 3	6.0	6.0	•	6.0	I
SIBIL	AI	1 5	8	-	2	2	2	~	7 2	2	4 3	3	3	3	9	3	3	3	9 0	9	-	00	80	00	00	00		0	6	0	0	
>	71	17.	18.	19.		19.	•		22.	24.	34.		35.		6		51.		63.		78.6		83		8	87.	87.			6	89.6	0
	21/5	5.1	8		0.0	6.6	9.5	4.	2.7	1.	4.4	2.1	2.		0.6	6.0	. 3		3.0	5.0	7.3		5.5	5.5	4 . 4	5.7	2.1	1.	7.7	1.	1.7	
	٨١	1 5	~	-	-	-	.7	~	7 2	7	4	2	•	3	0 3	*	10	2	c	0	-	2 0	ග		00	20			9	0	0	1
	N N	17.	18.		19.	19.	19.	-	22.	54.	*		35.		39.		51.	3		S		0	82.	82.	84.	85.	85.	87.	87.	1.	87.	6 x 10
		0	2	æ.	80	00	00	_		0	100	4.	4.	5.			-	-	.3	0	0	0	60	u'i	8		NV.	*	*		*	
	ΛI	16	90	20	23	-	2	20	22	54	33	34	34		33		50	53	Ci	40	0	7.89	80	80	8	83		84	84		4	
	\$				8.8												0												82.5			100
		0	~	00	00	00	80	00	-	C	00	*	4	*	0	2	-	9	0	0	-	2	17	1	¢	~			0			L
	۸I	16.	8	18.	18	8	80	20.	22.	34.	33.	34.	34.	34.	38	42.	50.	52.	61.	63.	72.	13.	7.	17.	78	19.	19.	19.	19.	19.	19.	
	0																4.7												•		4.3	
	٨١	Ē	-	-	7	-	7	7	7	2	m	3	4	3	100	*	4	4	2	2	0	9	9	9	9	o	ò	ò			0	
CEILING	(FEE	CEILING	20000	18000	16000	14000	12000	10000	0006	8000	2000	9009	2000	200	4000	3500	3000	2500	2000	1800	1500	1200	1000	006	800	700	900	200	400	300	200	
	5	9	ΔI		1 11		1 11	A	IAI	٨	M	٨١	M	^	1 1	٨	1 11	٨	1 1	٨	M	٨	IAI	A	IAI	٨	M	٨	1 1 1	٨١	M	

TOTAL NUMBER OF OBSERVATIONS

154

98.7100.0

89.6 90.9 91.6 94.8 96.1

96.8 98.7 98.7

8.96

96.1 1.96

96.1

8.46

91.6

6.06

89.6

87.7

82.5 84.4 87.0

6.64 6.61

6.40 64.3

80

AI AI

### 21.4 22.1 21.4 22.1

22.1

22.1 22.1

22.1 22.1 22.1

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51.4

21.4

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21.4

VI VI 00081 00081

20.8

20.8 18.8

22.1 22.1 22.1

22.1

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12000

18.8 20.8

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18.8

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22.1

22.1 22.7

22.1

22.1

22.1

22.1 22.1 22.1

22.1

21.4

21.4 21.4 21.4

6.6 39.0 40.3

39.0

39.0

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39.0 6.04 40.3

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39.0 39.0

36.4

2000

AI AI

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9000

ALAI

59.9

59.9

6.62

58.6

59.6

6.67

59.9

28.6 29.9 29.9 29.9

24.7 24.7 22.7 22.7

24.0

22.7

40.3 40.3

40.3 40.3

40.3 40.3

40.3

40.3 40.3

40.3

40.3

40.3 40.3 40.3 45.5

37.7 40.3

40.3 40.3

37.7

40.3 40.3 40.3

40.3

40.3

54.6

24.7

24.7 59.6

24.7

24.7

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24.7

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24.7

24.7

24.7 24.7

22.7

22.7

22.7 22.1 22.1

40.3 40.3 45.5 46.8 50.0

40.3

40.3 40.3

40.3

6.04

40.3 40.3

6.04

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18.8 20.8

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(FEET)

NO CEILING

× 20000

VISIBILITY (STATUTE MILES)

HOURS IL S T 13

2

SAN

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CEILING VERSUS VISIBILITY

6.99 68.2 89.0 82.5 53.3 87.7 916 6.26 6.99 5899 76.0 87.0 82.5 87.0 53.3 76.0 89.0 91.6 87.7 68.2 65.6 1.96 6000 97.4 0.68 6.26 6.99 87.0 2.89 87.7 0.16 1.96 53.3 76.0 82.5 68.2 82.5 87.0 76.0 0.68 53.3 6.99 95.5 9116 6.26 96.1

0.68

89.0

88.3

88.3

88.3

87.0

87.0

83.8

82.5

4.61

63.6

88

ALAI

9.69

87.0

85.7

85.7

79.9 81.8 83.1

63.6 79.9

86.4

85.1

81.8 82.5 85.1

91.0

90.9 91.6

6.06

68.3 90.9

88.3

80.5 83.8 85.1

6.26

92.2 92.9

92.2

92.2

89.0

85.7 89.0

84.4

81.2

63.6

88

11 11

63.6

03.0

88

AI AI

94.8

94.8

6.06 6006

84.4 86.4

62.5

8.46

9.40

63.6 81.2

99.69

63.6

80

AI AI

9.69

88

AI AI

8.46

8.76 6.06 6.06

6.06

96.1

76.0

76.0

76.0

75.3

75.3

75.3

75.3 81.2

75.3

74.7

74.7

73.4

019

1500

AI AI

31.2

77.3 78.6 78.6

65.3

1200

AI AI

81.8

81.8

81.8 82.5 82.5 86.4 86.4 87.0 87.0 87.0 87.0 87.7 87.7

68.2

67.5 68.2

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61.5

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66.9 66.9 66.9 67.5

57.8

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53.3 53.3 66.2

49.4 53.3 53.3 53.3

46.8

46.8 20.0

80.04 45.5

45.B 0.05 53.3

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46.8 46.8 46.8 50.0 50.0 50.0

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4500

AI AI

44.2 8.04

3000

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2.99

66.2

2.99

65.6

65.6 65.6

57.1

2000

ALAI

46.8

40.8

46.3

45.5 40.3

45.5

45.5

45.5 8.94

45.5

45.5

TOTAL NUMBER OF OBSERVATIONS

154

96.1

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

18 JAN

> PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	5	٨١	\$ AI	4	اد د د	2 2%	7 AI	VI 75	71	- -	AI	*	AI AI	2 5/16	AI	٨١
NO CEILING	003	600	18.7				8.			00	18.7	18.7		18.	18.7	18.
≥ 20000	2	ċ		20.0	20.0	20.0		0	20.0	20.0	0	20.0	20.0	20.0	~	20.0
	0	0	-	20.7				0	0	0	0	0		0	20.	20.
2 16000	0	0	20.7	0	0	20.7			0	0	0	0	0	20.7	0	20.
	0	-		21.3	-	21.3		-	-	21.3	-		:	21.3	-	21.
12000	-	-		-		21.9	51.5	21.9	21.9	21.9	51.9	-	:	21.9	21.9	21.
	-	-			3			3	3	er,	3	3				23.
000	-	3	23.5	6	23.5	23.5				*		23.5			3	23.
1	3	5			5	5	5	0	5	5	5	3	2	5	5	
7000	N	;		34.8		34.8	34.8	;	;	34.8	*	34.8		34.8	34.8	34.
	in	-	-		37.4		-					:			37.	-
2000	2	90			38.1	38.1	38.1		8	8	8	38.1	3			
	2	8	38.1							38.1	8	DC.	38.1		38.	38.
804	2	-	-	41.9	41.9	-	:	:		-	-		-		4	
	0		43.5	43.2										•	3	
3000	-4	-	47.1	47.1	47.1	47.1					-	47.1	-	47.1	4	47
	0	9	20.1	0	56.1	0				56.1			0	0		56.
2000	0	3	63.6	63.0		64.5	64.5	64.5	64.5	64.5	64.5		;	04.5	04.5	64.
	0	*	63.9					64.3		64.5	*	3		04.5	64.5	. 40
1500	0	N	74.8			76.1	.0	0	76.1	76.1					;	76.
	0	*	18.1			6			6	19.4	6	6	6	0	0	80.
1000	N	8	95.0		84.5	4	84.5	•				5	5			0
	CV	0		83.0				85.2	85.2	5	5		0		-	
8	124	ċ	85.2	88.00			87.7		6	0		6	90.3		91.0	91.
	10.0	0	85.2	83.0	68.4	58.4	4.80	89.7	89.7	91.0		-4	65.3	92.3	2.	
8	1	0	85.2	85.8	98.4		89.0	8.06	0	91.6	2	92.3	6.26	N		93.
	100	0			88.4			0		92.9	9		34.5		8.46	
141	14	0	85.2	86.5	89.0	89.0	89.7	91.0	91.0	94.2	5	95.5	0	96.1		96
	600	0			89.0		6		-	8 . 76	1.96	0			98	98
38	63.2	80.7	85.2	86.5	.6		.0	2.	3	•	•		-	97.4		98.
8	10.	0		86.5	89.1	1.68	6.06	6.26	92.3	62.5	96.8	96.8		97.4	98.7	100

TOTAL NUMBER OF OBSERVATIONS

155

1

1 =

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 NAN

FEET   P 10	V V S S D V V V V V V V V V V V V V V V	N 42222222 42222222222 22222222222222222	v v a a	n N	2%	7 4	٧١ ۶۲	VI 2/1	1	AI	*	V Z	5,5	AI	
CEILING 24. 20000 25. 18000 25. 16000 25. 17000 26. 17000 26. 2000 26.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	v v x x x v v v v v v v v v v v v v v v	4 50 50 50 50 50 50 50 50 50		7				ı				1		١٨١
14000 2.5 17000 2.5 17000 2.5 17000 2.5 10000 2.5 10000 2.5 10000 2.5 10000 2.5 10000 2.5 10000 2.5 10000 2.5 10000 2.5	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	12000004		* w	- 10	24.5	24.5	24.5	24.5	24.5	24.5	24.5		24.5	24.5
18000 25- 12000 25- 12000 25- 10000	33335	@ w w w w 4 L	8		1 4	7 4	1	1 5		25.					
14000 26 - 17000 26 - 9000	38.50	200042	-	25.8	25.00	25.00	1	110	in	25.			25.00		
12000 2.6 - 9000 2.6 - 9000 2.6 - 9000 2.8 - 2.8 - 7000 3.8 - 3.8 - 7000 3.8	38.50	20042	6.5	. 9	0	9	0	0	9	26.			9		26.5
10000 256. 9000 256. 8000 28.	38.	vv 42	6.5		. 9	. 9	0	0	.0	26.	9		9		26.5
8000 28.	38.6	v 4 L	6.5	.0	.0	9	0	0		26.			9		9
8000 28	38.	41	6.5	9		.0	0		÷	26.			9		26.5
7000	38.		4.00	30	007	8	00	00		28.			00		28.4
	38.		. 7	60	8	00	œ	8	00	38.	38.7		00		38.7
• 86 0009			8.7	8	8	8	00	8	25	38			00		36.7
> 38	1 38.	. 7		38.7	38.7	8	8	8	*	38.	38.7		•		38.7
4500 35	1 38.		8.7	8	00	8	00	20	000	38.	38.7				38.7
* 000 A	.040		1.0	0		0	40.7	0	0	40.			.0		40.7
3500 42.	6 43.	2.	3.5	3	3	3		3	~						
> 3000 47	65 1				49.7	6	49.7	0			49.7		6		49.7
2500 51.	5 56.		8.8			.0		0	9						56.8
2 2000 60.	0 67.	*	0.6	6	6	6		6	0				6		1.69
1800 60.	1 68.		0		-	-	-	-							71.0
> 1500 65.	2 76.	7.			0	6	6	0	0		19.4		6		79.4
1200 65.	2 78.	1.	3.5	3		*	*	*							
1000 ts	4 82.	.2	4.8	6	6	80.3	0		90.3					91.0	91.0
900 OB	683	.00	0.6	0		-	91.0	-:			91.0				
800 68.	4 83.	5		•	91.0	-	-	-			91.6		3.		92.3
700 58	6 83		er;	-	-	2		2.	~		65.6				93.6
600 68	6 83.	.5	6.0	91.6	-		2	3			93.6				94.2
500 08	6 83.	5			8	3	3	3	;		94.2				94.8
400 68	6 83.		8.06	2.	2			*	5				96.1	8.96	96.8
300 08	63.	• 5	1.0	6.26			5	3							98.1
200 68	. 83.	.5	1.0		65.6	8.46		3	8.96	96.8	8.96		98.1		98.7
100 68	6 83.	66.5	0.16	6.26	65.6	8.46	95.5	5			8.96	98.1	98.1	1.86	\$ 66
68.	6 83.	•		6.26	•	+	5	5					98.1	466	0000

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

**CEILING VERSUS VISIBILITY** 

ALL HOURS (187) NAU

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	5	٥ ٨١	50	AI	6 41	2 2%	7 1	¥.	VI 2,1	- AI	AI	# 11	VI Z	≥ 5/16	AI AI	٨١
NO CEILING	202	20.1	20.1	20.1	20.2	2002	20.5	20.2	20.2	20.2	2002	2.02		2002	20.2	20.2
2 20000	40.0	7117	1.17		:	•	-	-	•	:	:	:	:	.1,	:	
	21.7	51.9	21.9		2	2	22.0	2	•	2.	•	7	2	~	2	
N 16000	51.9	22.1	22.1	22.1	22.1			2	5	2,	22.1		2	22.	22.1	22.1
	22.3	22.5	22.5	22.5	22.6	22.0	22.6		3.		2.			~		22.0
12000	22.5	22.6	22.6	22.6	22.7	5	22.7	2		2	22.7	22.7	3	22.	22.7	22.7
-	23.1	23.4	23.4	23.4	23.4	3	3		3		3	3		2	3	23.4
000	23.8	24.2	24.5	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.	24.3	24.3
1	26.6	27.4			27.5		-	-					-	27.		27.5
141	34.9	36.2	36.2	36.2	36.3	36.3	. 0				•	9		36.	36.3	36.3
	35.5	36.8			36.9	0	9			9	•	0		36.	36.9	
2000	35.6	37.0	37.0	37.0	37.1	37.1	37.1	37.1	1.		1.	37.1	1.			37.1
	35.7	37.1		37.1	37.2									37.	37.2	37.2
000 1 A I	38.8	40.5	40.5	40.2	40.3	40.3	40.3				40.3	40.3		40.	0	*0
	41.2	42.7	45.7	42.1	45.8			2	42.8	42.8	2.		7			
3000	45.9	48.4	48.7		48.7	48.7	8	8	•	48.8			8	48.	48.8	48.8
	20.6	55.4		56.0	56.1	1.00	56.3	50.3	56.3	56.3	56.3	56.3	0	56.3	56.3	56.3
2000	58.6	66.3	67.2	67.6	68.1		8	8		68.3	68.3			•	68.3	68.3
	29.1	67.2	5.89	68.7		1.69		3	69.3	69.3	69.3	69.3		0	69.3	69.3
1500	0.49	14.9	77.1	78.0	78.8				79.3		6		0	79.	19.6	79.6
	64.8	77.2		81.4	82.7	85.8		83.	3	83.7	83.6	83.8	3	83.9	84.0	84.0
1000	66.5	80.3	•		86.9	87.0	1.	7	2		88.5	00	8	œ	89.0	89.
	66.5	81.0		86.5	88.0	33	88.7	68.8	8	89.5	89.0	89.6		60.08	90.1	90.1
8	66.7	81.6						4.06	4.06		91.5	91.2	:	91.5	91.8	91.6
	56.7	81.8	85.9	0.83	0.06	2.06		61.5	-	95.4		92.5	2	65.6	93.2	93.5
8	06.7	81.8	86.1	88.2	80.3	90.8	91.6	92.1	•	93.1				93.6	93.9	93.5
	56.7	61.9	86.3	88.6	6006			93.1	93.2	94.6	0.56		95.4	95.5	95.3	95.
8	66.7	91.9	36.3	88.7	91.2	91.4	6.76	93.8	3	4.56	6.56		4.96	96.6	97.1	97.
88	66.7	6.18	80.3		2.16	91.5	0.86	. 46	•				-	97.7		
	000		000	000	61.3	21.0	13.1		7.46	•	0		-	100	700,	77.66
80	66.7	0 0	86.3	0 00	20.10	91.6	73.1	1 - 46	2.46	6.00	96	96.0	97.0	98.1	99.3	00
1			-				*		-	1	1	-1				

0

TOTAL NUMBER OF OBSERVATIONS

1233

1 =

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2

FEB

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T ) 00

	٨١			•	•				7.0				6.9	6.0	2.6		5.3		1.6		6.6	2.	•	-	0	2.0	5.1	5.	8.6	6.3	0.0	000
		2	~	2	~	2	~	2	~	m	m		m		4	4	50	0	1		-		0	2	3	7	0	0	0	6	20	310
	AI		2	•	•			0		6	•		•		-	5	*	0	0	.0	2	81.	0		:	*	•			96		.66
	9		5			.2	.2	.2	.2	00	2.		•		•				•		•		•	•	•		•					es es
	VI S	2	~	~	~	2	2	~		7	3	Mr.	m	3	4	4	5	9	7	~	-	00	0 8									66
	2 1	. 5	2	0		0		0				0		0	:	2	4	0	0	0	3	81.6	0	0 :		34.3	2.0	1,2	6.10	8.6	6 . 6	9.0
		8							.2 2		_	~		2	3	-				-								5	2	6	0	00
	AI	24	52	50	56	56	56	50	56	50	36	-		-		-	53	29	70	10	7.3	08	06	0	73	43	46	96	97		98	0.0
	* AI		•	•	0.5				2.9	•	•	•	•		•		•					6.0	•	•						7.2		7.2
	-	1	2			2 2			2 2	2			~		00	-		9	2	~	2			7 (	0	0	3					200
(S)	Ā		25			26.			26.	29.			C		-	4		9	C	C		C			123	3				-		97.
TE MILE	7.														•							6.0	•	•				•			2.1	5.7
STATU	AI	~	~	2	2	2	2	C	~	~	m	m	m	3	4	4	N.	3		-		8	2		2.	0	0	6	o	0	1	00
VISIBILITY (STATUTE MILES)	71	24.	25.	26.					26.							. 44	53	59.	0	70.	75.	80.	0	000	7	93.	. 56	62	62.	65.	62.	95.
VISIE	2								•													6.0					•			0.		00
	ΛI	2		2	~	~	N	2	2 26	2	w	3	5	3	4	*	5	5	-	-	-	æ .	0	3 (	2	0	3	0	C.	0-	٥٠	2 95
	2 2%		3	0		•	•	.0	26.		.0		0		-		170	0	0	·	5	0	-		-	-	· N	2	2	5	2	25
	е п		•	•															2.							•		•			•	22
	AI.		~	N	2	2	~	~	26	2.5	10	20	3	24.3	4	*	10	EU.		-	-	7 80	00	0	30	0	0					92
	→ Al	4.	3			0			26.2	6	. 9	9			-			0	0	0									88.			00 00
	8	1								00				~		-	2	0		100		·	0		•	1		7		7.	7	77
	AI	_	24	~	N	C	~	2	N	~	-	tel.	w	ec.	4	*	8	3		0			_		0	0	w	00	æ			00 00 00 00
	۰ ۸۱								6.2																							8 8
	_	30		2		~				8		2		2		-	1	2		~	1	8	-	19	~		3		•	3		3.5
	VI 5	*	-	0	0	0	0	26	4	0	0	0	0	0	-	4	0	M	0	0	-	199	ES !	A 1	2	5	5	5	150	2	5	65
o z	E	ILING	20000	000	16000	000	12000	000	0006	000	2000	00	2000	200	4000	200	3000	200	2000	800	1500	1200	000	8	8	200	900	200	400	300	200	80
CEILING	E.	40 CE	١٨		۸۱ 2		14	1	A		IAI				1 11							٨١				٨١	AI	A	M	AI	AI	AI AI

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET

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36.9

36.9

36.9

36.9 6.06 36.9

36.9

36.9

36.9

30.9

36.9

29.8

20.5

20.2

26.2

20.2

36.9 38.3

30.9

36.9

54.5 61.0

48.2

24.6

54.6

24.6

0.19

010

0.19

0.10 72.3

0.19 72.3

24.0

72.3

72.3

72.3

45.6

36.3 45.0

38.3

30.3

38.3

36.3

36.9

36.9

45.6 48.2

42.6

45.6

45.0

48.2

48.2 54.6

7.84

76.6

16.6

16.6

76.6

16.6 73.1

16.0

76.6

76.6 80.1

73.1

73.1

72.3

73.1

73.1

73.1

80.1

80.1

30.1

80.1

1.08 85.1 86.8

80.1

80.1

85.1

85.1 86.5

85.1 86.5

89.4

89.4

4.68

4.68

4.68 8.06 8.06

4.68

69.4

88.7 89.4 4.68 92.2 8.46

88.7

88.7

85.1

85.1

85.1

86.5

86.5

85.8

85.8

85.8

63.

83.

. 68

85.1

85.1

84.4

4.48

4.4

82.3

82.3

80.1

80.1

86.5

8.06

90.8

90.6

8.06

94.3

6.46 96.5 6.16

6.46

6.46

6.96

6.96

8.06

8.06

4.68

89.4

85.1

85.1

86.5

4.68

85.1

85.1

35.5

6.16

6.46 6. 96 6.46 8. 76

6.26

87.9

90.8

8.06

96.5 61.6

96.5

96.5 6.16

36.5

96.5

97.2

6.46

6.26

6.16 6.16 6.16

8.06

8006

90.8 64.3

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

73-77

FEB

HOURS (L S T MONTH 60

Char

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

26.2 9.8 2002 26.2 25.5 26.2 26.2 26.2 20.5 20.5 5.52 20.2 8.62 26.2 20.2 20.2 8.62 20.2 25.5 26.2 26,2 2002 26.2 25.5 26.2 29.8 26.2 26.2 2002 2002 2002 26.2 26.2 26.2 25.5 26.2 2002 26.2 ۸۱ 26.2 20.5 20.2 20.2 26.2 26.2 25.5 26.2 26.2 20.5 26.2 20.5 26.3 20.5 26.2 7

26.2

26.2

20.2

36.9 29.8 36.9 29.8 29.8

> 25.5 25.5

> > 25.5 25.5

25.5

24.8 24.8 24.8 26.2 28.4 35.5 35.5

22.7

14000

22.7

22.7

25.5

25.5

25.5 25.5

25.5

25.5

24.8 24.8

22.7

18000 1 18000

24.8

22.0

> 20000

NO CEILING

(FEET)

25.5

25.5

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71

36.9 36.9 36.9 36.9 36.9 30.9 26.2 29.8 26.2 26.2

25.5

25.5 25.5

25.5

22.7

0000

AI AI

29.1

29.1

29.1 29.1

30.5 36.2

36.2 36.2

33.3 33.3 33.3

8000

AI AI

36.2 36.2 37.6

30.5

36.2

35.5

5000

ALAI

30.9 41.1

34.8

25.5

24.6 38.3 45.6 0.19 48.2 42.6 36.9 36.3 54.6 54.0 38.3 45.0 36.9 43.2 36.9 54.6 36.9 36.9 38.3 45.0 48.2 36.2 36.2

37.6

41.0

39.0 0.44

4500

48.2

3000

AI AI

2500

11 11

11 11

36.2

0.19 72.3 73.1 0.19 72.3 73.1 010 72.3 37.0 36.2

76.6 76.6 73.1 71.6 47.5 60.00 41.8 53.9 12.3 74.5 41.8 47.5 71.6 12.3 53.9 60.3 50 . 1

18.0 14.5 78.0 6000 71.6 47.5 53.9 74.5 78.0 72.3 53.9 47.5 73.1 71.6 11.0 60.3 60.9 53.5

82.3 15.9 57.5 72.3 68.1 68.1 69.5 54.6 49.7

4.61 78.7 73.8 73.8 55.3 57.5 34.6 57.5 26.7 1800

ALAI

75.2 75.2 75.2 58.5 58.2 58.2 800 88

ALAI

11 11

AI AI

AI AI

80.9 80.6 75.2 75.2 58.2 58.2 58.5 88 200

85.1 87.2 81.6 85.8 35.1 81.6 87.2 37.2 91.6 81.6 91.6 81.6 80.9 75.2 58.2 58.5 58.5 80 88

TOTAL NUMBER OF OBSERVATIONS

141

99.3100.0

6.16

6.16

6.16

6.16

97.2

6.46

5.2

5.3

6.26

87.9

87.9

AI AI

6.16

97.2

6.46

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SMOS DIRNAVOCEANMET

LZE 95-95 LS1

73-77

DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 MONTH ES

TOTAL NUMBER OF OBSERVATIONS

141

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### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH DE

T. W.

0.9 HOURS (1.5.T.)

TOTAL NUMBER OF OBSERVATIONS

141

SMOS

1

32.6

68.8

50.7

80.9

95.0

95.0

0.56

64.3

6.26

2.26

92.9 93.6

87.9

83.0 87.9

80.1

57.5

88

ALAI

1200

AI AI

88

ALA

57.5 37.5 57.5

8 8

AI AI

80.1

0.56

88.7

80

AI AI

9 3

98.6

24.8

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK

16201

NO CEILING

> 20000 VI VI 00081 00081 12000

VI VI 0000 0000

8000

5000

ALAI

4500

AI AI

3500

2500

ALAI

1800

ALAI

(FEET)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) ICELAND

MONTH US 12

2

HOURS (L S T

1

37.0 31.2 32.6 32.6 37.6 68.8 0.56 32.6 39.0 80.9 85.1 20.6 23.4 24.8 31.2 33.3 9.1/ 8.06 95.9 26.2 88.7 49.7 56.7 37.6 32.6 39.0 68.8 23.4 32.6 23.4 23.4 26.2 33.3 56. 11.6 0.56 31.2 80.9 85.1 6.26 24.8 49.7 88.7 8006 20.6 23.4 23.4 2 24.8 6.26 0.56 88.8 37.6 39.0 11.6 80.9 20.5 32.6 33.3 8.06 31.2 32.6 49.7 55.7 88.7 Al 33.3 39.0 80.9 32.6 56.7 32.6 11.6 8.06 31.2 68.8 85.1 24.8 26.2 92.2 88.7 94.3 11 26.2 26.2 26.2 31.2 31.2 33.3 37.6 32.0 11.6 80.9 64.3 32.6 49.7 56.7 56.1 8.8 68.8 68.8 68.8 88.7 92.2 ٨١ 35.3 33.3 33.3 3 37.6 37.6 37.6 3 39.0 39.0 39.0 33.3 71.6 23.4 23.4 23.4 32.6 32.6 32.6 32.6 32.6 32.6 80.9 85.1 85.1 8.06 32.6 92.9 94.3 92.2 49.7 88.7 ۸۱ VISIBILITY (STATUTE MILES) 32.6 32.6 11.6 87.2 6.08 4.68 90.8 24.8 24.8 49.7 49.7 56.7 56.7 71 20.0 31.2 23.4 23.4 20.2 60.08 89.4 11.6 87.2 8.06 6.26 ۲۱ ۲۰ 31.2 33.3 39.0 85.1 32.6 80.9 88.7 23.4 1.0 92.2 68.8 24.8 87.2 49.7 56.7 90.1 7 24.8 26.2 31.2 32.6 33.3 37.6 39.0 6.0 33.0 40.7 78.7 85.1 86.5 68.1 56.7 85.1 33.3 39.0 83.0 23.4 23.4 32.6 31.2 49.7 20.6 24.8 20.5 68.1 56.7 40.0 78.7 85.1 85.1 75.9 80.1 83.0 87.9 36.5 ٨١ 32.0 33.3 30.5 31.2 31.9 31.9 32.6 22.7 23.4 24.8 69.5 9.19 81.6 77.3 81.6 31.9 32.6 38.3 39.0 48.9 49.7 56.0 56.7 66.0 66.7 78.7 80.1 ۸۱ 4.64 57.4 68.1 75.9 75.9 79.4 24.1 6.61 22.7 22.7 75.9 79.4 22.7 71 22.7 24.1 25.5 36.9 74.5 48.2 31.9 32.6 38.3 55.3 68.3 75.2 30.5 15.9 22.7 21.3 30.5 31.5 94.6 51.3 21.3 21.3 35.5 56.7 57.5 0.44 54.6 57.5 51.5 19.2 30.5 48.2 57.5 29.1 56.7

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE

15

9000

FEB MONTH HOURS (L S T

(FROM HOURLY OBSERVATIONS)

48.2 4004 4004 53.2 62.4 64.5 71.6 86.5 87.2 26.2 26.2 26.2 26.2 39.0 39.0 40.4 91.5 29.8 29.8 80.1 89.4 89.4 53.2 20.6 1.62 48.2 62.4 4.68 93.6 40.4 97.2 04.5 86.5 87.2 91.5 6.16 38,3 43,3 71.6 26.2 28.4 80.1 44.7 71.6 93.6 32.6 20.6 99.0 38.3 40.4 40.4 53.5 64.5 87.2 89.4 1.67 43.3 86.5 91.5 26.2 28.4 28.4 28.4 28.4 28.4 28.4 28.4 29.8 97.2 44.7 48.2 80.1 62.4 97.2 53.2 93.6 50.6 1.62 32.6 89.4 89.4 89.4 89.4 26.2 29.8 38.3 39.0 40.4 40.4 43.3 64.5 64.5 71.6 71.6 87.2 89.4 89.4 89.4 89.4 91.5 91.5 98.6 48.2 62.4 62.4 80.1 44. 86.5 38.3 50.6 32.6 40.4 93.6 40.4 48.2 80.1 97.2 26.2 29.8 39.0 1.55 1.67 53.2 86.5 86.5 86.5 26.2 43.3 71.6 43.3 40.4 48.2 90.8 92.9 93.6 40.4 40.4 40.4 64.5 64.5 64.5 20.6 20.6 20.6 20.6 29.1 29.1 29.1 29.8 32.6 32.6 39.0 53.2 53.2 53.2 62.4 62.4 62.4 80.1 89.4 89.4 91.5 91.5 26.2 26.2 26.2 26.2 26.2 26.2 26.2 38.3 38.3 92.2 92.2 95.0 96.5 44.7 44.1 4.04 4.04 48.2 48.2 71.6 71.6 71.6 39.0 39.0 29.8 29.8 43.3 43.3 79.4 80.1 26.2 26.2 26.2 ۸۱ VISIBILITY (STATUTE MILES) 32.6 87.2 38.3 38.3 92.2 85.8 44.7 83.0 85.1 85.8 85.8 53.5 29.8 43.3 48.2 65.4 92.2 32.6 39.0 40.4 64.5 27.7 40.4 79.4 87.2 8.06 85.8 87.2 29.1 39.0 64.5 85.8 29.1 32.6 53.5 19.4 87.9 71.6 71.6 20.6 29.8 40.4 4.20 4.68 4.48 90.8 26.2 85.8 38.3 4004 43.3 48.2 85.1 8.06 8.06 28.4 85.8 90.8 44.7 11 20.6 28.4 28.4 28.4 32.6 83.0 53.2 83.0 83.0 83.7 1.67 43.3 29.8 38.3 48.2 85.8 39.0 40.4 62.4 64.5 64.5 26.2 18.1 29.1 83.0 83.7 38.3 62.4 71.6 40.4 43.3 83.0 40.4 53.2 84.4 8 8 5 5 8.62 39.0 48.2 83.0 83.0 78.7 20.6 20.6 44.1 85.8 26.2 26.2 ٨١ 29.8 40.4 63.8 63.8 26.2 26.2 26.2 29.1 29.1 29.1 32.6 32.6 38.3 38.3 39.0 39.0 40.4 40.4 40.4 68.8 69.89 75.9 73.8 77.3 80.1 80.1 80.1 80.9 26.2 43.3 43.3 48.2 27.7 27.7 27.7 53.2 53.2 77.3 80.1 77.3 80.1 44.0 44.7 44.7 61.7 77.3 80.1 48.2 29.8 73.8 20.6 20.6 40.4 78.0 28.4 28.4 77.3 77.3 26.2 61.7 78.0 17 38.3 73.8 39.0 61.0 40.4 4.07 73.8 73.8 74.5 29.8 43.3 47.5 55.5 13.8 29.5 74.5 63.1 66.7 49.4 24.8 2002 27.0 28.4 36.2 55.3 61.0 61.0 0.19 61.0 0.10 61.0 61.0 0.10 61.0 0.10 24.3 58.0 61.0 21.1 31.2 36.9 38.3 1.64 41.1 41.8 38.3 56.7 NO CEILING 80 00081 Y Y 14000 (FEET) ≥ 20000 8000 7000 2000 4500 4000 3500 2500 1800 1200 88 88 88 200 ALAI AI I

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.8 HOURS (1.5.T.) F F B

@ **2** 

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
(FEET)	5 1	٨١	\$ 41	AI	8	≥ 2%	12	۲۱ ۲۱	VI 3.1	- 1	¾ ∧I	*	Z AI	≥ 5/16	AI	٨١
NO CEILING	0	-			17.0	17.0		17.0		17.0	17.0	17.0		17.0	17.0	17.0
> 20000	-	100		18.4	18.4	18.4	18.4	18.4	18.4	8	18.4	18.4	18.4	18.4	18.4	18.4
	0	0	0			20.6		0	0	0	20.6		0	0		
141	0		0	20.6			20.6	20.6	20.0	0	20.6	50.02		0		
	0	0	0		0	0	ò	0	0	0		0	0	0	0	
12000	6	20.6	20.6	20.6	20.0	20.6	20.6	20.6	20.6	20.6	20.6	50.0	20.0	20.6	20.6	20.6
	0	-	-	-	-	-	=	-	-	-	-	-	-	-	-	
000	0	2	2	22.0	2		22.0	22.0		2		2	2	2.	22.0	
	3.		3	25.5	5	5	5	5	5	5	5	2.		2	2	
7000	0						3	3	3	6		3	3.	3	3	
1	0	3	3			3	3.	3.	3	50	3	3.	3.	3	3	33.3
2000	0	-	3	33.3			3		3			3.	33.3	3.		33.3
	0	3	3		3	~	3.	3	3	3	3	3		3	3.	33.3
141	;		.0		;	9				. 9			9	9		36.9
1	5		6	39.7	6		6	39.7	3	0	6	6	6	6	6	
3000	0	*	5		45.4	45.4	45.4		45.4	10	42.4	2.	2	5	42.4	45.4
1	*	(0)	-	51.1	-		-	-	-	-		-		-	-	51.1
7 2000	0	0			-	-	:	-	-	-	:	-	-:	-		
	0	2	3	-			3		3		3	3		3	3	63.1
1500	5	0	-	71.6	-	-		2.	2	2.		72.3	2	2		72.3
	4	9		1	1.		8		00	00	0	00	0.	6		
00		0		83.7	83.7	10)	*			5	5	85.8	0	9	86.5	86.5
		6	2		3			4.48	*	3		10		•		
8	*	0	3.	85.1	85.1	10	-	88.7	00			1.06	0	0	8.06	90.8
		0	3					4.68	6	ċ	90.8	8.06		-	31.5	
8	*	C	83.7	85.1	85.8	5	88.7		0			6.26		3	93.6	
	4	0	83.7		1				0	2	65.6	6.26	3		93.6	93.6
8	54.6	80.1	83.7	25.	85.8	85.8	89.4	91.5	\$1.5	2	6.46	42.1	5.96		6.96	96.5
	. 4	0	83.7	85.1	85.8	85.0	89.4	91.5	-		6.46	45.7		96.5	97.2	97.2
38	:		83.7	85.1	85.8	8 . 8	89.4	91.5	-	93.6	0.56	96.5		61.6	98.0	98.6
		0	83.7	85.3	85.8	85.8	89.4	91.5	91.5	93.6	0.56	5.96	6.16	61.6	9.86	66.3
٥	;		83.7	85.1	85.8	85.8	4.68	91.5	91.5	93.6	0.56	0	6.16	6.16	98.6	0000

TOTAL NUMBER OF OBSERVATIONS

141

080

CEILING VERSUS VISIBILITY	FEB	MUMAN	21	( L S 1) SERON
CEILING	75-27	YEARS	PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC	KEFLAVIK, ICELAND	STATION NAME	PERCENTAGE FI	(FROM HC

(FEET) NO CEILING 2 20000	-															
NO CEILING	5 71	٨١	\$ 1	4	60 Al	2 2%	AI	2 41	2	-	۸I	*	AI N	≥ 5/16	AI	٨١
≥ 20000					-	-	7.		1	-		-	:	27.0	0.72	
		27.7	27.7	27.7	-	27.7	27.7	27.7			27.7	27.7		27.7	27.7	27.
					8	0	8	6	0		6	1.62		29.1	29.1	29.
00091 ×					28.4	28.4	80	6	6	29.1	6	0		29.1	29.1	29.
		28.4				28.4	28.4	6	6		6	6			6	
12000		*		28.4	28.4	28.4	*	29.1		29.1	5			29.1	6	29.
					6	29.1	6	6		6		6		29.8	6	0
0006				29.1	29.1	29.1				29.8			29.8	29.8		29.
1					3	3	3	*		4	*			*	34.	3
141		37.6		37.6	37.6	37.6	-	38.3		38.3	00	38.3	38.3	38.3	38	8
1							-				8	8		8	38.	00
2000		:		37.6		37.6					03		00	38.3	3	
		1.		-	-	-	7.			CC.		00		8	36.	
1 41		-	41.1	41.1	41.1		41.1	-	41.8	41.8	-		41.8	-	41.	=
		3				6	3.			*		*	*	4	44	*
3000					0	0					1.		7	-	47.	•
1			56.7	55.7	56.1			-		-	51.5	51.5		57.5	57	-
2000				68.1	8		8	0		*	8	8	*	80	68.	8
				10.9	0		.0	71.0			-	-	:		71.	71.6
1500		:		78.0	8	œ		80.1			0	0	0	80.1	0	0
				0	80.9						N		2	82.3		3
1 100				85.1	-		(3)	1.06		0	0	0	0	90.8	-	91.5
					87.9	87.9		106		1.06	0	0	0		:	91.
8		-		85.1	00		6	90.8		0	0		-	91.5	5	
		19.4			0	0	.0			2.	3	2.	7	92.9	93.6	93.0
9		79.4		86.5	8.06	8.06	91.5	2	3	92.9	3		3	93.6	. 46	
		80.1		6.48		2		0.56	5.	1.56	5	-	0	96.5	97.2	97.
8				1.	3	5	94.3	45.7	3	97.2	-	-	-	-	98	
		80.1			93.0	93.0	6.40	45.7			61.6		2		.66	.66
7 200	60.3		85.8	-	3	14)	95.0		69.5	6.16		00	66.3	99.3	0	0
91		5		87.0	93.6	93.6	0.56	69.0			0.86			66.3	100.0	
١٨١						19	8			-	8	8	6			0

TOTAL NUMBER OF OBSERVATIONS

141

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1.5.7.) FEB

3400

	0	00	0	7		4.	0	0	.2	8	2.	.5	-:	.3	0	*	-	.3	0	.2		8	0	0	-	6.		. 7	0.	•		0
	ΛI	22	25	25	25	25	25	56	53	34	35	35	36	40	44	20	58	68	10	77	82		89		63	63	66	97		66	66	00
	25	æ æ		0.	• 5			6.	•	•							0	. 3			3	1.1		6.	0	. 8		.6		-	•	• 3
	ΛI	22	24	25	25	25	52	25		34	3	35	30	40	43	50	58	9	69		82		8	6	6	6	6	6	6		66	36
	\$/16	20 00		0.0	. 5	3.3		6.9	7:			4.0		3.5						0.7	2.1	3.7	1.1	8 . 1	6.	3.7	9.0	7.5	3.5		6.8	6.
	AI	22	-		-		-		-		1	_	-		-		-	-	-		20	8			6		6	6	0	0		
	×	2.8																						1.8							6.8	6.8
	AI	2 ~	2	~	2	N	2	~			6	3		4	*	2	~	•	9	-	0			6	6	0	6	0	6		6	
	<b>₽</b>	2.8		5	5	-	5	2	0	407	=	3				0.2	-	8	0		1 . 8	8 . 3		1 . 4		3.3		7.0			8	-
		2 2	-	2	7 7	3	2 5	2	7 1	7		4	~	3	3	2	2	0	0	7	00	3 00	9	5	2	3	0	0	3	0	5	6
	AI	-10	*	5						*	3	2	0			50.								-	3	3	5		-	7.		:
		8 2		0 2	2 2			6		1		-		8					8 6		20	8	60	6	5	2	6 8	9	6	1 9	6 1	-
	AI	21.		. 5	. 5		52			. 4 6	-		0	0	3	0	-		0		-	10	0	-				.96	. 9		37.	-
MILES	-	00 oo	6		-		-	6		-	-	4	0	2	8	~	0	-	20	6	7	1	-	0	3		4	5	7		0	0
rute ,	N N	21.	3	25.		25.		25.	58	34.		35.	0	40.				68.	0		81.		88	.06	16	92.	93.	94.	. 76	95.	95.	
(STA)		00 00	-					0			_		0			~	•	-	0		~	0	0		. 3	O	•	2	0	0	0	0
VISIBILITY (STATUTE MILES)	VI E	21.	24	25.	25				0	4	5	2	0	0	3	0	-	œ	0	0	-	-	00	C	-	N		. 46	16	96	76	36
VISII	7	<b>x x</b>	00	0	7	N	3.	60	0	0	0	3	0.	7.	-	7		0	0	9.	4	2	-	0		. 2	*	7	*	5	•	0
	AI	22		7	25	25								40			57					87	88	6	06	6	92	63	63	6	6	63
	215		1.	œ.	0.	-	*									0.												6				
	AI	22		54	25		25	5.5		34		35		40	43	20	5	67	69	76	8	86	99	87	3	8	89	08	00	06	0	6
				. 8	0.	-:	*	1.1	6.	.5				0.0		0.0				0.					5.	1.1	.5	2.				.3
	ΛI	22		24	25	25	23	2	28	34	76	35	00	4		50	2	6		76		00	36		30	88	68	90			06	
	•	1.0	1:		0.0	5.1	4.	5.7	6	4.5		5.2		0.0		0.0				5.2			1 . 3	9.0	0.0	6.3	6.0	7.2	. 2	. 3		
	٨١	~~				2		2		m	3	100	~	4	4	5	5	0	0	-	-	80	8	0	80			00	20		00	2
	۰۰ ۸۱	1.6						5.6												4.2		1.7			3.0	3.2		3.6			3.8	
		5 21	1					-			1				1		1	_							1		_		1			_
	٨١	21.	4.	4	4	4.9	5.	5	8		4	5.0	5.6		3	9.6	0	5	2	2.0	5	7.		8	8	8	00	8.	00	8	8	8
		2 2	1				1				1		1		1								_				1		_	8	_	
	2	20.																														
		-	+	N	3	ru.	4	14	-	141	1	141	-	154	4	4	4	41	61	41	-	41	-	~1	-	-1	-	91	2.1	41	-1	-
CEILING	(EE)	CEILING 20000	900	16000	4000	12000	0000	000	000	200	8	2000	4500	4000	3500	3000	2500	2000	1800	300	1200	88	8	8	202	88	8	8	300	88	8	0
l iii	E	NO V		1 11		IAI		IAI		IAI	1	1 11		1 11		1 11			٨	IAI	^	1 / 1	٨	IAI	^	1 1	^	IAI	^	1 1	Al	AI
			_		_		_	_	_	-	_		_				_		_		_		_		_		_		_		_	

TOTAL NUMBER OF OBSERVATIONS

1128

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 MAR

	٨١	18	20.0	20.0			200	007	25.8	27.	27.1	27.1	30.3	34.		29.4	69.0	10.	81.3	83.2	87.	38		89.	90.3	91.6	96	97.4	98.	000	000
	A1	20 00	0	0	0	0	0	0 1	25.8	1.	27.1					6	0.69	0	=		-		89.7	6	6.06	-	•		8	00	00
	2 5/16	18.7	0	20.0	0	0	20.7	0 0	25.8	-			0	*		0	6	C	-			4 88					96.1		8	0	0.00
	41	0 0	0	0	0	0	0	5	25.8	1.	27.1			*	2		2	6	0	2.			0		6	0116	95.5		98.1	14.66	4
	*	18.7	0	0		0		0 1	25.8	-							\$ 8 9	6	0		85.8	-	•				8.46		8.96	8.96	96.8
	.≠ ∧I	18.7	0	0	0	0	20.7	0	25.8	1	27.1		0	*	2	2	8		0	-	85.8	:	8		•				8.96		96.8
ES)	- A1	18.7	0	ċ	ċ	0	0	0	25.8	-	27.1				5			0	C		-	-		00	89.0	O	94.2	68.5	1.96	1.96	96.1
VISIBILITY (STATUTE MILES)	7 7	18.7	0	0	0	0	•	0	25.8	-			0	*		8	-		6	-			-	•			-	92.9	65.6	65.6	6.26
IBILITY (ST	VI E	18.7				0		5	25.8	-			0				-			-		0	87.1		87.7		:		95.9	_	65.6
VIS	N AI	18.7	0	0		0		0	25.8	-	-		ċ		;				. 8		*	2		•	87.1		8.06		91.6	91.6	91.6
	1 216	æ α	0	0	0	0	0	0	25.8	-	-	-	0		*				*	0	•	3	30	95.5	85.8	96.5		87.1	87.7	87.1	87.1
	N AI	18.7							25.8		27.1		30.3		44.5	57.4	67.1	67.1	78.1	80.0	83.2		85.2		85.8	86.5	87.1	87.1	87.7	87.1	87.7
	<b>A1</b>	18.7	0	20.0	0	0	20.7	0	25.00		27.1	27.1	30.3	-	44.5	ċ	66.5				80.7	81.9	81.9		2	83.2		84.5	84.3	84.3	84.5
	V)	18.1		19.4	6	0		0 6	25.2			0	6	3.	3	*		2	3	2		7					80.0			80.0	
	Ø Al	æ æ	6	19.	19.	20.	20.	000		26.	26.	26.	29.	33.	43	53.	62.	63.	70.	1.	72.	74.	74.	14.	74.	14.	74.	14.	74.	74.	74.
	2	17.4	2	0	00	-			23.9	5	5	2	-	:	00	2		-	*	*	;	*		*		5	*	*	*	*	
CEILING	(FEET)	NO CEILING	V 18000	1 4 1 6000	4	> 12000	N 10000		VI VI 2000 7000	1	2000		4000		3000	1	2 2000		1500		1000		008 AI		9		8		30		٥

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TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 HOURS (1.5.T.)

T A K

**CEILING VERSUS VISIBILITY** 

(FEET)	2						,		1				1			
CNITES		٨١	\$	<b>4</b>	۳ ۸۱	2 2%		£ 1	4	 AI	*	# \1	2	0 /0	≱ N	٨١
CEITING	18.7	0	19.4	19.4		19.4	6	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
> 20000		6		19.4	19.4	10.		19.4				19.4	19.4	19.4	19.4	19.4
18000		0		20.7	20.1	20.7	0	20.7		20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000		0	20.7	20.7			0	20.7	0			20.7	20.7	20.7	20.7	20.7
14000		0		20.7	20.7	20.7		20.7	0	20.7		20.7	20.7	20.7	20.7	20.7
> 12000		0		20.7		20.7	0	20.7			20.7	20.7	20.7	20.7	20.7	20.7
10000		0		20.7	0		0		0	0		2001		20.7	20.7	20.7
0006		0			0		ċ		0	0		20.7	0	20.7	20.7	20.7
8000		0		20.7	0	0	ò		0	0	0				20.7	20.7
000		4		24.5	*	4	*		*	*	*	24.5		24.5	24.5	24.5
0009		5		25.8	5		5	5	5					25.8	in	25.8
2000		9			. 9		9		0	9	0					26.5
4500		9		0	9	0	. 0	0	0	0	0		6	9	0	
1 1		31.6	31.6	31.6	31.6	31.6	31.6		31.6	31.6	31.6		31.6		31.6	31.6
3500		4		34.8	;		4	*		4					34.3	
3000		3		60	3		-		43.9	-	3.		3	3	43.9	43.9
2500		*		*	*	24.8	6	5		5			55.5	55.5	55.5	55.5
7 2000		5			8	80	0			6			0	69.7	1.69	69.7
1800		5		4.89	3	4.89	6	1.69			69.7	6	5	1.69	1.69	69.7
1500		4		-	-		19					3	83.2	83.2		83.2
1200		80		85.2	5		-	87.7			87.7	-	-	87.7	87.7	87.7
000		8		87.7			6.06	8006	90.3		600	90.3	90.3	8006	800	90.3
000		00		87.7	0.68	0.69	-	0.10			0.16	-	91.0	91.0	91.0	91.0
800		8		89.7	-	91.0	2	6.26		65.6	2	3	65.6	95.9	95.9	65.6
700		ċ			65.6	92.9		94.8	8.46	8.46	94.8	8.46	94.8	8.96	94.8	94.8
8		0		92.3				95.5		96.1	96.1		1.96	96.1	1.96	96.1
900		0		65.6	2.46	2.46		1.96		8.96	96.8		90.8	96.8	96.8	96.8
007		-		*		95.5	4.16	4.16	4.16		1.86	98.1	98.1	98.1		98.1
300		-		93.6	95.5	45.5	4.46	4.16	4.16		98.1	1.86	98.1	98.1	1.86	98.7
30		-		93.6		96.1	98.1	1.86		4.66	4.66	4.66	* 66	4.66	4.66	
8		-	87.1	93.6	1.96	1.96	1.86	1.85	1.86	4.66	4.66	4.66	4.66	4.66	4.66	0000
-		-	87.1	93.6		96.1	98.1		30		4.66	4.66	4.66	4.66	4.66	

TOTAL NUMBER OF OBSERVATIONS

155

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SOMS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

6201	KEFLAVIK, ICELAND	
STATION	STATION NAM	RANE

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0.6 HOURS (1.5.T.)

MAR

CEILING							VISI	VISIBILITY (STATUTE MILES)	LTUTE MILI	(S)						
(FEET)	5 1	9 11	\$ 41	4	8 1	2 2%	N AI	21 21	¥1 VI	-	AI	* 11	Z.	≥ 5/16	AI N	٨١
NO CEILING	16.1	-		16.1	16.1	16.1		16.1		16.1				9	1001	16.1
> 20000	16.1	00	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
7 18000	8	-	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7		18.7	18.7	18.7	18.7
14000	00	~	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	•		18.7	18.7	18.7
		4	19.4	19.4	19.4	\$ 61	19.4	19.4	19.4	19.4	19.4	6		6		19.4
12000	18.7	4		10.4	19.4	10.4	19.4	19.4	19.4	19.4	19.4	0	19.4	19.4	19.4	19.4
		0		0		0	0	0		0	0	0		0	0	20.02
000	19.4	20.0	20.0		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	-	2				64J	3			*		3.		3	3	23.2
141	24.5	00	25.8	25.8	25.8	25.8		5	25.8	5		5		5	25.8	25.8
	26.5	-	27.7		27.7	-	-	-				-		1	-	27.7
2000	27.1	4		28.4	28.4				28.4		28.4	8	28.4	8	28.4	28.4
	27.1			00	120	20	8	8		00		8		28.4		28.4
1 1	31.0	0	33.6		33.6	3	33.6		33.6	33.6	•	3	33.6	3	3	33.6
	33.6	-		9	0	0	9			.0		0		9		36.8
3000	39.4	10	45.5	45.8	45.8	45.8		5		5		2		45.8	45.8	45.8
	45.8	9				8.95					56.8			0	9	56.8
7 2000	52.3	0		62.6	63.2	3	63.9	3	63.9	3	63.6	3		3	63.9	
	52.9	-			3				5			2.	2		60.5	66.5
1500	56.8	1		72.3	74.5	74.2	75.5	5	75.5	75.5	75.5			. 9		
	37.4	-		78.1				3				83.2		13	83.9	
100	57.4	1			83.2	83.2	5	87.1	87.1	87.1	87.1	-	87.1	87.7	87.7	87.7
	27.4	~		0	100			•		87.1		87.1	-	-	87.7	87.7
8	58.1			82.6		85.3		89.7	89.7	89.7	89.7	6		0	90.3	90.3
	58.1	-		63.2	86.5	86.5		0	90.3	6.06				-	91.0	91.0
9	58.1	*	77.4	100	87.1	87.1	-		92.3	92.3	92.3	92.3	65.6		93.6	93.6
	58.1	-		84.5	88.4	8		1							1.96	96.1
141	58.7	9	78.7	85.8	80.3	90.3	8.46	7.	4.16		4.16	4.16	98.7	4.66	4.66	4.66
8	200	-	78.7	100 cm	6000	200			4.16	97.4		97.4	900	4.66	•	4.66
	1000	0						*	4.	:	•	- 1		* *	17.	77.4
80	58.7	73.0	78.7	0 00 0 00 0 00	000	90.0	96	1 1	4.70	9 1 0	4 4	97.4	000	4 66	000	000
		1				5	:	•	•		:				2	

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE

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TOTAL NUMBER OF OBSERVATIONS

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DIRNAVOCEANMET

155

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16201 STATION

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### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR

12 HOURS (1.5.T.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES	ES)						
(FEET)	71	٨١	۸۱ ده	4	N Al	≥ 2%	71	٧١ چ	٧١ ٦	- AI	ية VI	*	ΛI Σ	≥ 5/16	≱ Al	٨١
NO CEILING	13.6		14.2	14.2	14.2	74.2	14.2	14.2	14.2	14.2	14.2	14.2	4	14.2	14.2	14.2
> 20000	13.6		•		•	•	*	•	•		4	•	•	14.8	•	14.8
	17.4		18.7	18.7		18.7	•	18.7	18.7	18.7	18.7	18.7		00	20	18.7
> 16000	1001		19.4	19.4	19.4	19.4		19.4	•	•	•	19.4		•	•	
	168.1		19.4				•	19.4			0	19.4			6	19.4
12000	18.1			10.4	6	10.4	19.4		6		0	19.4	6	•	6	
	18.1				0	0	0	0	0	0	0		0	0	0	
0006	18.1	20.0	20.0	20.0	20.0	20.0	20.0	0	20.0	20.0			20.0	0	20.0	20.0
1	19.4			-			-		-	-	-:		-		-	
7000	20.7				*	3.		3.	3		3		3	3	3	
	21.3				0	o	9	9	0	9	0	0	0	0	0	
2000	21.3			26.9			.0		0	.0		9				
	21.3			·	.0		. 9	0		9	9	.0	0			
1 4000	27.7			34.2	4.	*	*	34.2			34.5	34.2	*	34.2	*	
	29.7			0			.0		0	.0	9	9	0		9	
3000	34.2			45.2		5	3	5	3	5	5	45.2	5	5	5	45.2
	41.9				3		5	5	5	5.		2	5	5	2	55.5
1 2000	44.5		61.9						+		+		*			
	44.5				5	5	3	5	5	5	5		3	0	2	65.8
1500	4.84				-	•	81.0	-	•			81.3		-	-	81.3
	48.4			83.0	3	-			5	5	5		5		2	
1000	4.84		85.5	-					~	2			*	3	3.	
	48.4			90.3	5		3		5			93.6		*		2.46
80	49.0			91.0	2	92.9		93.6	•	*			5	95.5	95.5	
	0.65			91.0	5.		100	•	3	2.46		8 . 46	3		2	95.5
8	0.65		85.8	91.0					4	• •	95.5	95.5	0	1.96	•	1.96
	0.65			91.0	3		2.46	84.2	•	94.8		35.5	1.06	1.96	•	1006
141	49.0			91.6	•	94.5	95.5	96.1	9			98.1		98.7	1.86	
	0.65			-	*		1.96	96.8	8006	4.16		1.86		4.66	6	4.66
141	0.65		80.5	91.6	34.5	34.5	1.96	96.8		4.16		98.7	4.66	\$ 66	4.66	4.66
	0.64			91.6		2.96	1.96	96.8	8.96	4.16	98.1	98.7	00.00	10.00	0.00	0.00
111	0.65	80.7		91.6	2.46	94.2	1.96	96.8	•	4.16	7.86	98.71	00.00	00.00	0.00	0.00

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LS INDURE LE S T I MAR

2019

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CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	0 1	٨١	50	*	e Al	≥ 2%	7	VI 25	71	-	* AI	# Al	71	≥ 5/16	A1	٨١
NO CEILING	14	14.8		14.8		4.8								14.8		1.4
I 20000	14.		•	14.8	14.8		14.8		14.8	14.8	14.6		14.8	6.4	14.8	*
≥ 18000	-			18.1	18.1	18.1	18.1	1.8	18.1	18.1	18.1	181	18,1	18.1	18.1	8
≥ 16000	1.			18.1	18.1	18.1	18.1		18.1	18.1	18.1	18.1	18.1	18.1	18.1	18
	-		18.1	00	18.1	18.	18.1	18.1	18.1	18.1	18.1	18.1	18.1	80	18.1	13
> 12000			18.1	18.1	1.8.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18
			19.4	19.4	19.4	10.4		19.4	19.4	4.61	19.4	19.4	19.4	19.4	19.4	19
0006	00		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.02	20.
1	0		-		-	21.3	-	-:			-	-				21,
7000	1		25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8		25.8	25,8	25.8	25
1	161		28.4	28.4	28.4	58.4				00		8	0	28.4	28.4	28
2000	3.		28.4	28.4	28.4	28.4	28.4	28.4	8	28.4	28.4	28.4	28.4	28.4	28.4	28
1	*		5	29.0	29.0		6	3.	0	6	6	6	0	0		
1 1	65			34.2	;	34.2		34.5	34.2	34.2		34.2		34.2	34.2	34.
1			6	39.4	39.4	39.4	39.4			6				39.4	39.4	39
3000	00		0	46.5	.0	46.5	.0		9	9			46.5	46.5	46.5	46
	5		20	58.7	4.65		6		5	0	59.4		59.4	59.4		59
7000	0		67.1	67.7	6	0.60	0.69			0.69	0.69	0.69	0.69	0.69	0.69	
	-		-	71.6	2.	12.9	2.	72.9	72.9		72.9	2	72.9	72.9	72.9	72.
1500	·		76.8	10.4	-		81.9	81.9	81.9	-		-	81.9	81.9	81.9	81
1	2		19.4	6.18	84.5	64.5	* 5	84.5	84.5	84.5		4	84.5	84.5	34.5	34
1000	5.			87.1		80.3	91.0			-		91.0	0.16	91.0	91.0	6
	N			87.1	0	6.06	91.0	0.16	91.0				91.0	91.0	0.16	16
800	0		83.2	87.1	0	60.6		91.0	91.6		-	-	91.6	91.0	91.6	6
	5	8	83.2	87.1	91.0	91.0	6.76	65.6	65.6	65.6	6.26		6.26	6.26	92.9	92.
9	2	8	83.2	87.1	-	91.0	6.26	65.6	2.			~	93.6	93.6	93.6	63
		00	83.9	87.7	91.0		94.2	34.5	94.2		34.5	34.5	94.8	8 . 56	94.8	96
004	2		63.9	87.7	5		8.46	65.5		8.96	96.8	9	98.1	98.1	1.86	86
300	52.3	78.7	83.9	87.7		6.26	5				4.16	4.16	1 86		7.86	96
700	~	00		87.1	2		95.5	1.96						0		
VI 001	5.	78.7	69.68	87.7	65.6	92.9	69.2	1.96	96.8	98.1	1.86		100.001	0.00	10000	100
	-			87.7	2	2		000	5		×		00.00	00	(	C

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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAR

18 1 NOURS (1 S T .)

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	01 1	9 11	80	AI	N N	≥ 21%	17	Y1 71	VI 71	-	AI	* 1	VI Z	≥ 5/16	Al Al	٥
NO CEILING	14.				15.5		5			15.5	15.5	15.5		15.5		15.5
> 20000	14.			13.5		15.5		15.5		15.5		15.5			15.5	15.5
					17.4	17.4	7					17.4		•	•	
2 16000				17.4			-			17.4	•			17.4	•	17.4
												-		17.4		17.4
> 12000			17.4	17.4	17.4	17.4	-	17.4		17.4	17.4	•	17.4		17.4	17.4
				17.4			-	-					-	•		17.4
0006			18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	02		18.1	18.1	00	
1				21.9	-		-	-:	-		-	-	:	-	-	
7000				27.1	27.1		-	-			7		-	-	27.1	27.1
				29.0	6	0	.6		0	0	6	6	6	0	6	
2000			:		6		6	6	6	6	.6	0	6	6	6	
				29.7			6	6	6	6	6	0	5		6	
141			34.2	34.2	34.5	34.5	*		;				4		*	
			35.5	35.5			3.		3	5	5	5	5	5	2	
3000			38.7	38.7			8	38.7	8	00	8	œ	3	8	8	
				48.4	48.4	20	00			000		00		8		
7 2000			58.7	58.7	3	58.7	00		8	8		8	8	8	58.7	
			00.1	1.09				60.7	0	0	0	0	0	0	0	60.7
> 1500			70.3	71.6	72.3	72.3	5	72.3	2		5	2	2.	2		72.3
			74.2	76.1	8		00	78.1		000	00	00	0		(20	78.1
1000			78.7	80.7	3		8			o.	0.68			6	0	
			78.7	80.7	. +	2.59	0	89.7	6			0		6	0	
008			19.4	82.6	36.5	8.7	-	91.0	:		95.3	2	i	85.3	N	92.3
			80.0	83.2	-		2	65.6	2			3		60	m	93.6
00			81.3	84.5		89.0	3.	34.5	*		. 4		2			
			81.3	84.5	1.68				0	0	.0	0			8	
004			81.3	85.2	80.3	91.0	8.96	97.4	4.16	98.1	1.86			00		4.66
			81.3	85.2		91.0	.0			98.1		1.86	1.86	98.7		4.66
141	0.64	72.3	51.3	85.2	6.06	91.0	.0	4.16	4.16	7.86	1.86		4.66	4.66	0000	00.00
			81.3	85.2	6.06	91.0	90.8	4.16	4.16	68.7	1.86	1.86	4.66	40.66	0000	0.00
٥			81.3	85.2	6006	91.0		4.16	4.16	7.86	1.86	68.7	5.66	14.66	00.00	0.00

TOTAL NUMBER OF OBSERVATIONS

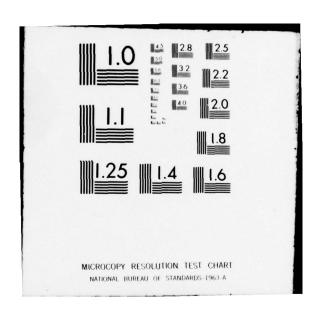
155

DIRNAVOCEANMET SMOS

12595-05181

0

AD-A060 607	SUMMARY JUL 78	EATHER OF MET	EOROLOG	ICAL O	BSERVA	TIONS,	LE N C SURFACE	(SMOS	) KEFL	F/G 4/ AVIKE	TC(U)
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15 5			16			16			16		
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19 19											



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK,

16201

12595-05181

SZZI

ICELAND

73-77

HOURS (LS T

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MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

12.3

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VI VI

AI

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AI

(FEET)

NO CEILING

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16.8 16.8 22.6 22.6 1001 16.1 16.1 16.1 16.1 16.1 16.8 16.1 1001 16.1 16.1 22.6 16.8 10.1 16.1 100 10.1 1.0 16.1

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2000

AI AI

2000

ALAI

15.1 15.8 16.8 16.8

24.5 24.5

24.5

24.5 24.5 24.5 24.5

22.6 22.0

24.5 30.3 34.2

24.5

24.5 24.5 24.5

30.3 34.2

30.3 30.3

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30.3 30.3 30.3

28.4

4500

AI AI

3000

AI AI

22.6

31.0 34.2 34.2 34.2 35.5 39.4 40.0 40.7

34.2 41.3

34.2

34.2 34.2 40.

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54.5 30.3 34.2 24.5 34.2 24.5 30.3

24.5 41.3

50.3 50.3 41.3

29.4 95.0

59.4 72.9 50.3 62.6

72.9

76.8

16.8

76.8

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85.2 85.8

72.9 16.8

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59.4 62.6

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59.4 95.09

59.4

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59.4 95.79

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43.9 54.8

2000

ALAI

1800

AI AI

62.6

9.29

61.9 61.9 72.3

72.3

48.4 64.5 67.7 71.6

45.2 57.4 59.4 61.3

62.6 62.6 72.9

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39.4 47.1 48.4 49.0

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76.1 81.3 76.8 81.9

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76.8

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74.2

69.7

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49.7

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85.8 85.2

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89.7 89.7

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89.7 90.3

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88.4 88.4 88.4 88.4

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8006

85.50

80.0

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80

91.0

155

TOTAL NUMBER OF OBSERVATIONS

SOWS

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

73-77

ALL HOURS (L S T.) MAR

92

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

1240

0.7

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500

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

ICELAND KEFLAVIK.

16201

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

YEARS

1 S T) SHOOM APR MONTH 00

18.0 26.0 19.3 20.02 33.3 42.0 24.0 56.0 0.99 73.3 4.7 14.7 18.7 28.7 69.3 78.7 86. 80. 24.0 20.0 0.99 19.3 45.0 0.06 33.3 26.0 69.3 5.3 18.0 73.3 18.7 26.0 73.3 28.7 78.7 80.7 82.7 86.7 7.06 14.7 4.7 94.7 4.7 4.7 26.0 24.0 18.0 26.0 0.99 18.7 19.3 20.0 45.0 69.3 73.3 73.3 15.3 33.3 78.7 14.7 14.7 80.7 82.7 96.7 14.7 4.1 2 5/16 26.0 34.0 0.99 73.3 0.06 33,3 0.24 20.0 18.0 19.3 20.0 80.080.7 77.3 77.3 78.0 78.7 15.3 69.3 69.3 73.3 14.7 18.7 1.66 14.7 14.7 28.7 82.0 82.7 86.0 86.7 7.96 0.46 94.0 96.7 2 ۸۱ 0.99 20.0 24.0 26.0 73.3 0.24 73.3 0.46 26.0 33.3 18.0 19.3 15.3 18.7 12.7 14.7 14.7 14.7 28.7 4.1 ٨I 32.7 0.4 19.3 17.3 41.3 79.3 12.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0 18.0 18.0 16.0 25.3 25.3 25.3 25.3 25.3 28.0 53.3 53.3 53.3 55.3 55.3 55.3 68.7 68.7 0.41 65.3 65.3 72.7 72.7 18.7 AI 14.0 14.0 19.3 19.3 41.3 41.3 19.3 85.3 17.3 92.0 12.0 14.0 14.0 14.0 14.0 14.0 14.0 32.7 14.7 81.3 81.3 91.3 92.0 18.7 18.7 72.7 72.7 88.7 A VISIBILITY (STATUTE MILES) 28.0 17.3 79.3 72.7 91.3 32.7 68.7 ٨١ 14.0 14.0 32.7 81.3 17.3 18.0 18.0 41.3 65.3 18.7 53.3 77.3 19.3 55.3 72.7 40.4 90.7 68.7 7 53.3 55.3 65.3 72.0 14.0 28.0 89.3 0.89 72.0 14.0 14.0 17.3 32.7 41.3 76.7 78.7 80.7 19.3 89.3 89.3 25.3 87.3 89.3 14.7 84.0 18.7 14 14.0 32.7 68.0 72.0 76.0 25.3 53.3 12.0 0.4 17.3 18.0 65.3 72.0 83.3 55.3 6.61 6.14 18.7 100 83.3 2 2% 14.0 14.0 32.7 53.3 12.0 68.0 66.0 67.3 70.0 72.0 14.0 14.0 25.3 65.3 72.0 68.0 70.7 73.3 75.3 18.0 19.3 41.3 55.3 76.0 14.0 17.3 78.0 82.7 82.7 18.7 80.7 14.7 ۳ ۱۸ 42.7 64.0 65.3 66.7 70.0 79.3 17.3 79.3 12.0 0.4 14.0 14.0 14.0 41.3 41.3 41.3 75.3 19.3 14.0 14.0 14.0 14.0 14.0 14.0 4-7 18-7 18-7 18-7 15.3 19.3 19.3 19.3 18.7 25.3 25.3 25.3 28.0 28.0 28.0 36.7 52.7 52.7 53.3 54.7 55.3 64.7 0.4 78.0 32.7 32.7 32.7 ٨١ 72.0 66.0 67.3 17.3 62.7 64.0 74.7 12.0 68.7 71.3 0.4/ 74.7 14.0 14.0 14.0 74.7 14.7 1 24.0 14.0 10.7 14.0 14.0 17.3 ۸۱ 10.7 11.3 20.7 37.3 42.7 0.44 0.04 0.01 43.3 43.3 0.44 0.95 40.0 46.0 24.0 0.00 0.05 CC CD 7.0. 10.7 44.7 10.7 30.7 NO CEILING 80 VI VI 00091 00091 (FEET) 2 20000 17000 VI VI 000 000 000 000 2000 3500 2000 1500 1200 88 88 88 4500 38 9000 AI AI ALAI AI AI AI AI AI AI AI AI ALAI AI AI AI AI AI AI AI AI ALAI

TOTAL NUMBER OF OBSERVATIONS

150

3000 中心

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

EO STON A P R

CEILING							SI.	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
	V 70	٥ ٨١	VI S	<b>VI</b>	N Al	2 2%	7	VI 5.	¥1 ₹1	<u></u>	۸I	a₽ Al	χ. Al	≥ 5/16	AI	٨١
NO CEILING	8.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	15.7	12.7	12.7	12.7	12.7
> 20000	80	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
	6.3	14.7	14.7	14.7	14.7	14.	14.7	14.1	14.7	14.7	14.	14.7	14.1	14.7	14.7	14.7
14000	6.3		14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
	6.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.1	14.7	14.7	14.7	14.7	14.7
12000	6.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
1	9.3	14.7	14.1	14.7	14.7	14.	14.7	14.1	14.7	14.7	14.	14.1	14.7	14.7	14.7	14.7
0006	6.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
1	10.7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0		10.0
1 1 2000	12.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
1	12.0			18.	18.1	18.	18.7	18.	18.7	18.7	18.1	18.7	18.7	18.7	18.1	18.7
2000	12.7			19.3	19.3	19.3	19.3	19.3	19.3		19.3	19.3	19.3	19.3	19.3	19.3
	12.7		19.3	19.3		19.3	19.3	19.3	19.3		19.3	19.3	19.3		19.3	19.3
1 4	16.0	25.3		25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25,3
1	18.7	28.7	28.7	28.7	28.7	28.7	28.7		28.7	28.7	28.1	182	28.7	28.7	28.7	28.7
3000	23.3	35.3	35.3	35.3	35.3	35.3		35.3	35.3	35.3	35.3	35.3	35,3	35,3	35.3	35.3
1	30.0	46.0	0.05	0.04	40.0	0		0.04			40.0	0.94	40.0	9	0.04	46.0
7 2000	35.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	-	58.0	58.0
	30.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1 1 500	40.0	63.3	0.40	65.3	65.3	65.3	66.7	1.09	66.7	66.7	1.99	1.99	66.7	66.7	1.99	66.7
	0.04	63.3	0.40	65.3	65.3	65.3	67.3	6.19	67.3	67.3	67.3	67.3	67.3	67.3	61.3	67.3
1 1 000	45.0	66.7	67.3	68.7	68.7	68.7	7007	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
	42.7	67.3	0.80	6.69	69.3	69.3	11.3	71.3			71.3	11.3	71.3		71.3	71.3
8	43.3	68.0	20.0	71.3	71.3	71.3	73.3	73,3	73.3		73.3	73.3	73.3	73.3	73.3	73.3
	44.7	66.3	11.3	14.0	75.3	15.3	78.0	18.0	0.87		78.0	18.0	78.0		78.0	78.0
8	44.7	70.0	72.7	75.3	70.7	70.7	79.3	79.3	19.3	79.3	79.3	19.3	79.3	79.3	79.3	79.3
	45.3	11.3	14.1	11.3	18.1	18.	82.0	84.0	82.0	82.0		82.0		0.29	82.0	82.0
141	45.3	71.3	76.0	78.7	81.3	81.3	86.0	86.7	86.7	86.7	88.7	88.7	88.7	88.7	88.7	88.7
	2	12.0	1001			04.	0.06	40.1		91.3	63.3	93.3	93.3	93.3	0.06	0.46
30	49.3	72.0	70.7	80.0	85.3	85.3	61.3	95.0	95.0	92.7	1.56	1.56	4.1	94.7	•	0.96
	0		11.3				92.0	1.76	1.76		62.3		0.06		0.86	0.86
٨١	40.0	72.7	77.3	80.7	86.0	0.09	92.0	92.7	92.7	93.3	95.3	95.3	0.06	96.7	99.3	00.00

TOTAL NUMBER OF OBSERVATIONS

150

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1330

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

A P R

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90

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	0 AI	-	3.3 13.3	5.3 15.3	6.7 16.7	6.7 16.7	6.7 16.7	7.3 17.3	7.3 17.3	0		0.7 20.7		. 3	~	0	5.3 35.3	4.7 44.7		7.3 57.3	.7 6	•	4.0 74.0	0.	8.0 78.0	.7 8	2.7 82.7	0	0.06 0.0		0.96 1.4	•	0.0010.9
	≥ 5/16	7 12.7 1	3 13,3 1	3 15.3 1	7 16.7 1	7 16.7 1	7 15.7 1	3 17.3 1	3 17.3 1	8.0 1	0.0	2 1.00	1.3 2	21.3 2	0 28.0 2	30.0 3	3 35.3 3	4 4.7 4	7 56.7 56	3 57.3 5	7 66.7 66	.0.	7 0.41 0	0.	0 78.0 7	0.7 8	7 82.7 8	8 0.9	6 0.06 0	3 93.3 9	4.7	0	6 0 9
	Al A	. 112.	1,3 13.	.3 15.	1 16.	10.	.7 16.	.3 17.	.3 1	0.	02 0.	2 1.	-	.3 21.	.0 28.	0	.3	4 1.	.7 56.	3			0	0.	.0 7	. 4	.7 82.	0	6 0.	.7 93.	. 1 94.	. 7 94	. 7
	۸۱ ۶۰ ۸۱	12.7 12	13.3 13	15.3 15	16.7 16	16.7 16	16.7 16	17.3 17	.3	-	0.		21.3 21	1.3 2	0.8	0.	35.3 35		56.7 56	6.1		70.0 70	.0.	0.	78.0 78	0.7 8	1.	0.	06 0.06		5	92.0 92	5.0 9
ILES)	Ā		3 13.3	3 15.3	7 16.7	7 16.7	7 16.7	3 17.3	3 17.3	8		20.	3 21.3	21.		30.		4	9	3 57.3	99	70.	0 14.0	0.41			81.3		0 88.7	2.06 0	0	2.06 0	0
VISIBILITY (STATUTE MILES)	M Z M	.7 12.	3 13.	.3 15	.7 16.	.7 16.	.7 16.	.3 17.	.3 1	.0 18.	.0 20.	.7 20.	.3 21.	-	.0 28.0	0		. 7 44.	.7 56.		.7 66.	•		•		.3 79.	. 7 8	. C 84.	.0 88	0	90.	06	0
VISIBILIT	۱۸ ۲۵		13.3 13		16.7 16	16.7 16	.7 1	17.3 17	17.3 17	8.0	0.0	20.7 20	.3 2	.3 2	2	0.	.3	44.7 44		57.3 57	99 1.99	-	73.3 74	73.3 74	76.7 77	8.7 7	0.0	3.3	6.7 8	8.7 9	8.7.9	88.7 90	8.79
	≥ 2%	12.7	13.3	3 15.3	1 16.7	16.7	1 10.7	3 17.3	3 17.3	18	0.02 0	50.	~	~	~	~	3 35.3	1.44.1	7.95	3 57.3	7 66.7	0.01	13.3	13.3	7 76.7		0.08	81.3	83.3	0.48 8	34.0	•	
	1 3	.7 12.	.3 13.	.3 15.	.7 16.	.10.	.7 16.	.3 17.	.3 17.3	.0 18	0.	•7 20		.3 21	.0 28	.0 30.	.3 35	.7 44.	.0 56.	.78 1.	.09 0.	.3 70.0	.7 73.	.7 73.	.0 76.	. 3	.7 79.	.3 80.		.3 83.	.3 83.	.3 63	3.
	۸۱ ۱۳	2.7	13.3 13	5	16.7 16		16.7 16	17.3 17	17.3 17	1 0.	.0 2		.3 2	.3 2	~	.0 3	35.3 35	* -	0.0		.7 6	0	100	100	72.7 76	.0 7	75.3 78				78.0 81	0	78.0 81
	۰ ۱۸	12.	13.	15.	16.7	16.7	16.7	17.3	17.3	18.0	20.0	20.7	21.3	21.3	28.0	30.0	35.3	44.7	26.0	56.0	62.7	64.7	67.3	67.3	69.3	66.3	70.7	70.7	72.0	72.0	72.0	72.0	72.0
	5 7	::	11.3	7.5	_	14	*1	*	14.0	14				-					_		42.7						_	0.94	46.	46.7	40.	40.	$\dashv$
CEILING	(PEET)	NO CEILING	× 20000	× 1800	14000		× 12000		000 AI		V 7000		2000		1 400		3000		7 2000		1500		V 1000		08 AI		8	) N	A1		8 AI	VI 5	٨١

TOTAL NUMBER OF OBSERVATIONS

150

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

0.0 NOUNS (1.5.1.) A P R

PERCENTAGE FREQUENCY OF OCCURRENCE

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<b>DBSERVA</b>	
(FROM HOURLY OBSERVATIONS	
 FROM H	
)	

	٨١		12.0	0.4	4.7	4.7	4.7	5.3	5.3	8.7	2.0	15.7	3.3	3.3	8.7	0.0	0.9	1.3	54.7	5.3	14.7	0.0	0.9	7.3	10.7	81.3	14.7		89.3	0.26		0.86	
	3	.3	0	0	1.1	-:	1.1	5.3	5.3	8.7	0		6	.3	1.	0	0	.3	4.7	.3		0.	0	6.1	0.7		4.7	0.	9.3	0	5.00		5.310
	۸۱	r	0	_	7	1	7	3	3	7	0 2	~	~	2	2	-	.0 36	3 4	5	~	0	0.	-	3 7	7 8	33	7 8	0 8	œ	6 0	0	1 9	3 9
	2 5/16	r	12	14.	14.	14.	*	15	15	9	-		23.	-		30	36	3	5	-	0	0	1	17.	80.	8	49	20		5		56	•
	VI Sc	-	12.0	14.0	14.	14.	14.7	15.	15.3	8	22.0				28.7		36.0		54.7		64.7		76.0	77.3	80.7	81.	84.		89.3		92.0	93.3	
	*	-	12.0		14.7	14.7	14.7	15.3	15.3	80		2			28.7				54.7		2000		76.0			2008	84.0	85.3	88.7	91.3	-	0.26	•
	a≠ Al	L	12.0	14.0	14.7	14.	14.7	15.3	15.3	100	22.0	~	23.3	23.3		0	36.0		54.7	55.3	1.49		76.0	77.3	80.0	80.1	84.0	85.3	88.7	1.06	1.06	1.06	7.06
(\$	Ā	-	12.0	14.0	14.7	14.7	14.7	15.3	15.3	00	22.0	2.	=	3.		0	9		54.7	5	*		16.0		ċ	80.7	84.0	85.3		•	0.06	0.06	0
VISIBILITY (STATUTE MILES)	¥1 ¥		12.0		14.7	14.7	14.7		15.3		•	3					36.0		54.7		2.49	10.0	16.0	1.3	80.0	80.7	84.0	85.3	88.0		0.06	0.06	90.0
BILITY (STA	N 14	11.3	12.0	14.0	14.7	14.7	14.7	15.3	15.3		25.0	5	23.3		8	0	36.0		54.7		*	0	10.0		0	80.7	0.48	5	0.88	0.06	0	0.06	0
VISI	7		12.0	14.0	14.7		14.7	15.3	15.3	20	22.0	2	23.3	3	28.7		.0		54.7		64.7				79.3	0	83.3		86.7	88.0	88.0	58.0	*
	2 2%		12.0	14.0	14.7	14.7	14.7	15.3	15.3	30	22.0	2.	23.3	3			36.0	0	54.0	*	0.49	69.3	74.7	0.9/	77.3	00	80.0	81.3	83.3	84.1		1. 48	7. 40
	K 41	11.3	12.0	14.0	14.7	14.1	14.7	15.3	15.3		22.0	22.1	23.3	23.3	28.7	30.0	36.0		24.0	24.1	0.49	69.3		16.0	77.3	78.0	80.0	81.3	83.3	84.7	1.48		1.48
	4	11.3	12.0	14.0	14.7	14.1	14.7	15.3	15.3	18.7	22.0	22.7	23.3	23.3	28.7	30.0	36.0	46.1	24.0		0.49	1.89	74.0	15.3	76.7	17.3	78.0	78.0	19.3	80.0	80.0		80.0
	۶۰ ۸۱				14.7		14.7	15.3	15.3		22.0							0	3				71.3				74.7				16.0	16.0	76.0
	۰ ۸۱	1.3	2.0	0.4		4.7	-	.3	15.3		0.						1	•			•	0	0	0		6.3	0.0	0	70.7	-		1.0	70.7
	5 7	-		*		14.7	14.7	5.3	9	18.7	1.0	0.7	1.3	1.3	63	5.3	0.0	1.0	1.3	0	0.0	0.8	0.0	0.0	0.0	0	0	0		0	20.0	0	0
CEILING	(FEET)	O CEILING	> 20000		2 16000		12000	1 -	000		7000		2000	1	88		3000		7000		1500		000		8		8		8		8 1 1		٥

TOTAL NUMBER OF OBSERVATIONS

150

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### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

ICEL AND KEFLAVIK

16201

1550

73-77

T S 1) SHOOM

9489

APR MONTH

> PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18.0 20.0 23.3 26.7 57.3 8.0 18.0 19.3 34.7 66.7 80.7 80.7 ٥ ١ 18.0 57.3 72.0 80.0 20.0 19.3 20.0 23.3 81.3 88.0 2009 82.0 92.0 0.46 29.3 86.7 22.7 26.7 34.7 54.7 84.7 18.7 22.7 22.7 22.7 46.7 ۸۱ 80.0 81.3 19.3 18.0 18.0 20.0 22.7 23.3 26.7 29.3 54.7 57.3 72.0 80.7 85.0 92.0 20.02 22.7 22.7 88.0 34.7 66.7 84.7 22.7 22.7 22.7 46.7 2 5/16 86.7 57.3 18.0 20.0 81.3 0.81 72.0 0.46 19.3 20.0 23.3 29.3 29.3 86.7 22.7 22.7 0.76 18.7 22.7 26.7 34.7 54.7 66.7 80.0 82.0 84.7 88.0 93.3 80.7 22.7 46.7 2 ۸۱ 80.0 20.0 88.0 81.3 86.7 61.3 18.0 20.0 26.7 72.0 18.0 80.7 82.0 19.3 23.3 54.7 57.3 84.7 92.0 18.7 22.7 22.7 34.7 46.7 66.7 29.3 72.0 19.3 34.7 81.3 81.3 616 18.0 20.02 0.02 22.7 22.7 26.7 26.7 57.3 57.3 66.7 66.7 84.7 84.7 80.0 80.0 88.0 88.0 18.0 20.0 22.7 23.3 54.7 0.26 82.0 22.7 22.7 22.1 86.7 86.7 80.7 80.7 80.7 46.1 22.7 22.1 AI 72.0 22.7 29.3 29.3 0.31 18.0 23.3 23.3 54.7 82.0 18.7 19.3 19.3 19.3 20.0 20.0 20.0 34.7 46.7 7.06 ٨I VISIBILITY (STATUTE MILES) 88.0 72.0 2.99 18.0 18.0 20.0 57.3 57.3 81.3 18.0 18.0 22.7 22.7 82.0 24.7 84.7 22.7 26.7 80.08 0.08 34.7 46.7 29.3 72.0 88.0 81.3 20.02 82.0 84.7 23.3 34.7 66.7 86.7 22.7 26.7 54.7 80.7 22.7 22.0 22.7 22.7 40.7 .06 20.0 22.0 0.22 83.3 0.08 20.0 54.0 26.0 45.3 46.0 79.3 18.0 18.0 19.3 22.7 34.0 65.3 78.7 80.7 89.3 28.7 1001 85.3 86.7 56.7 AI 56.0 22.0 28.0 0.40 53.3 8.0 19.3 41.3 21.3 33.3 69.3 18.0 19.3 21.3 25.3 77.3 0.8/ 82.0 1.40 21.3 78.7 85.3 87.3 18.0 21.3 18.0 21.3 22.0 28.0 55.3 56.0 77.3 78.0 21.3 25.3 33.3 53.3 69.3 19.3 45.3 81.3 19.3 21.3 79.3 84.7 86.7 64.7 78.7 83.3 86.7 ۸I 8.0 74.0 19.3 21.3 21.3 22.0 22.0 22.0 22.0 33.3 33.3 45.3 45.3 70.7 73.3 19.3 21.3 21.3 53.3 19.3 25,3 25,3 25,3 25,3 27.3 28.0 28.0 28.0 0.99 74.7 76.7 78.0 80.7 18.7 21.3 21.3 62.0 62.7 75.3 78.7 76.0 80.7 AI 73.3 21.3 21.3 71.3 19.3 52.7 10.7 19.3 19.3 19.3 72.0 76.0 54.1 14.7 18.7 64.7 AI 18.0 52.7 68.0 68.0 70.0 72.0 18.0 19.3 21.3 19.3 21.3 21.3 21.3 21.3 63.3 50.0 68.0 71.3 72.0 31.3 33.3 72.0 21.3 46.7 60.7 44.7 54.7 ٥ ۱۸ 21.3 18.0 50.0 20.0 0.04 0.84 50.0 21.3 43.3 20.1 6.6 19.3 50.7 50.7 2001 50.7 50.7 50.7 2 NO CEILING > 20000 80 (FEET) VI VI 8000 1 VI 0009 14000 2500 1800 88 8000 7000 1200 989 2000 4500 3000 88 88 AI AI AI AI ALAI ALAI

0

0

TOTAL NUMBER OF OBSERVATIONS

150

1 =

4.4

SMOS DIRNAVOCEANMET

VO

0.0

0.0

1 =

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

YEARS

15 APR

STATE OF

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	5	٨١	\$ 41	1	1 3	2 2%	2 4	VI 71	71	-	AI	# AI	VI Z	≥ 5/16	AI	٨١
NO CEILING			9.3					6.9			6.9	6.6	5.3		9.3	9.3
N 20000			12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
V 18000	~		13.3	13.3	13.3		13.3	13.3			13.3	13,3	13.3	13.3	13.3	13,3
14000	;		14.7	14.7	14.7	14.7	14.7	14.7			14.7	14.7	14.7		14.7	14.7
	*		14.1	14.1			14.7	14.			14.1	14.	14.7	14.7	14.7	14.7
7 12000	14.7	15.3	15.3	15.3		15.3	15.3	15.3	15.3		15.3	15.3	15.3	15.3	15.3	15,3
2.11			15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15,3		15.3	15.3
0006 AI	2			16.0			•	•	•		•		10.0	•	16.0	16.0
				6.6	19.3		19.3	19.3		19.3	19.3	19.3	7	0	19.3	19.3
7000				52.0	~	2	2	2.	2	2	•	5		2	25.0	25.0
1	:		2	22.7	22.1			22.7	22.7	2.		22:1	22.7		22.7	
2000	-		22.7			3	22.7	22.7	22.7	22.7	22.7			5.	22.7	22.7
	:		N	22.7	~	2		2.	2	3	22.7	22.7		2	22.1	22.7
141	2			54.0	24.0		24.0		;	*	24.0			*	24.0	24.0
				28.0	28.0		8			*	28.0	28.0		*	28.0	28.0
300	0		36.0	37.3		37.3	37.3	37.3		:	37.3	37.3	37.3		37.3	37.3
	0			44.			;		*	44.1		4	44.1	44.	44.1	44.7
7 2000	-			52.7	52.1	2	53.3		53.3		53.3	53.3	53.3		53.3	53.3
	~		2	55.3	55.3		0	26.0	0			0		20.0	26.0	26.0
1500				0.40	64.7		0.99	66.7	1.99		66.7	1.99	1.09		2009	66.7
	0			68.0				70.1		1001	10.1	1001	10.1	1001	70.7	1001
1000	5.			73.3	74.0	•	75.3	16.0	76.0		76.0	16.0	10.0		16.0	76.0
	5.			13.3		0.41		76.7	16.7		1001	1001	1.01	•	10.1	10.1
00 AI	2.			74.7	•	•		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	2	6.69		74.7		0.9/	78.0			79.3	79.3	19.3	6.61	19.3	19.3	79.3
9	3			19.3	81.3	81.3	83.3	84.7		84.7	84.7	84.7	84.7	84.7	84.7	84.7
	2	73.3		80.1		83.3	86.7	88.7	88.7	80.3	89.3	89.3	0.06	0.06	0.06	0.06
8	5	74.7	78.7	63.3		86.0	40.0	45.7	92.7	63.3	93.3	63.3	1.56	4.1	4.1	1.56
	5	74.7	18.1	83.3	36.0	0.99	1.06	45.7	45.7	93.3	0.46	0.06	95.3	6.56	95.3	626
70	52.7	74.7	78.7	63.3	0.98	86.0	2006	92.7	92.7	93.3	1.46	2.46	0.06	96.0	0.96	0.96
	5		18.7	63.3	86.0	96.0	1.06	1.26	92.7	93.3	1.46	1.96	1.06	1.96	1.96	1.96
٨١	52.7	74.7	78.7	83.3	86.0	86.0	2.06	92.7	92.7	93.3	1.46	1.46	1.06	1.96	98.71	0.00

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.8 L S T . A P R

	٥	0.0	0	2.7	2.7	3.3	3.3	3.3	4.7	8.7	6.3			2.0	0.4	10.7		15.3	1.3	5.3	11.3	7.3	0.8	12.7	15.3	0.9	18.7	0.2	3.3		1.00	2
	Z AI	0.0	•	2,7	2.7	3.3	3.3	3.3	4.7	8.7	6.3	0.0		2.0	0.4	30.7 3	2.0	55.3 5	6.1	5.3 6	1.3	7.3 7	0.8	2.7	5.3	0	88.7 8	2.0	3.3	6	200	-
	\$/16	0.0	200	2.7	2.7 1	3.3 1	3.3	3,3 1	4.7	8.7 1	6.3	0.0	1.0	2.00 2	4.0 2	10.7 3	2.0	5.3 5		5.3 6	1.3	7.3 7	8.0	2.1	5.3	0.9	8.7	5.0 9			2 4	000
	VI VI	0.0	2.0	2.7	2.7	3.3	3.3 1	3.3	4.7 1	8.7		0.0	0.7	2.0 2	0.4	1.0	4 0.2	5.3 5	.3	5.3 6	1.3	7.3 7	0.	2.7 8	5.3	0.9	8.78	5.0 9	3.3	6.1	200	
	*	0.0	2.0	2.7	2.7	3.3 1	3.3	3.3	4.7	8.7	6			2.0 2	2 0.4	10.7 3	2.0 4		7.3 5	5.3 6	1.3			2.7 8	5.3	6.0 8	8 . 7 8	1.3 9	2.7		0 0	>
	<b>₹</b>	0.0	• •	2.7	2.7 1	3.3	3.3	3.3	4.7	8.7	6.3	0.0	2 1.0	2.0		1.0	2.0	5.3 5		5.3 6	1.3	7.3 7	8.0	2.7	5.3	0.9	8.7	1.3	2.7		000	200
	-	0.0		2.7	2.7 1	3.3		3,3	4.7 1	8.7	6	0.0	1.0	2.0 2	4.0 2	10.7 3	2.0	5.3 5	7.3	5.3 6	1.3	7.3 7	0.8	2.7	5.3	0.9	8.7	11.3 9	2.7		000	>
UTE MILES)	7 1	0 -	•	2.7	2.7 1	3.3	3.3 1	3.3	4.7 1	8.7 1	.3			2.0 2	0	10.7 3	0	5.3 5	•	5.3 6	1.3 7	7.3 7	8.0	2.7	0.4	4.7	7.3	6 6.6	. 7	•	200	•
VISIBILITY (STATUTE MILES)	۲ کا ج	0.0	10	2.7	2.7 1	3,3	3.3	3.3	4.7		6	0.0	0.7 2			10.7	2.			5.3 6		1.	0.8	12.7 8	0.4	8 4.4	7.3	9.3 8	6 1.0	-:		
VISIBI	~ Al	10.01	•	2.7	2.7	3.3	3.3	3.3	4.7	8.7 1	6.3	0.0	20.7 2	2.0	0.4	30.7 3		55.3	57.3 5	5.3	7 7.0		7.3	2.0 8	3.3	8 0.48	6.7	8.7	0.0		7.00	
	2 2%	or	. 0	12.7	12.7	13.3	13.3	13.3	14.7	18.7		20.02	-	22.0 2	24.0 2	30.7	41.3 4	4.7	56.7	64.7 6	0.01	76.0 7	. 9	0000	1.3	81.3	3.3	85.3	0.9	0	0.0	•
	e 41	0,		2.7		3.3	3.3	3.3	4.7	8.7	.3	0.0	1.	22.0	0.4	10.0	1.3	14.7	-	64.7		0.9	1.9	90.08	1.3	1.3	3.3	5.3	5.3	5.3	2	
	4	0.0	•	2.7	2.7	3.3	3.3	3.3	4.7 1	8.7	6	20.0	2.0	2.0	2 0.4	10.7	41.3 4	14.7	1.99	4.7		5.3		•	1.0	10.7	12.7 8	8 0.41	0.0	0.4	0.0	0.1
	\$ 41	10.01		2.7	2.7	3.3	3.3	3.3	4.7 ]	8.7	.3	0	1.	2.0.2	0	10.7	. 3	14.7 5	1001	04.7 6	9 1.80	14.7	5.3 7	7.3	0.	8.0.8	0.0	11.3 8	.3	-	9 6	
	9 Al	10.01						- 1									1										1			- 1		- 1
	2	10.01	-	0	2.0	-	2.7	- 1					1		1	23.3 3			1						~	m	~	0	0	0	0.00	5
o z			+	16000	-	12000		0006	_	7000	_	2000	-	4000		3000		2000	-	1500		0001	08			909		400	300	+	80	+
CEILING	<b>3</b>	NO CEILING		11 11		141	1	٨١		M		٨١		1 11		INI		M		٨١		141	AI			AI		IAI			A1 A	u

TOTAL NUMBER OF OBSERVATIONS

150

12

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DIRNAVOCEANMET SMOS

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 HOURS (LST.) APR

1000

22.0 32.0 15.3 29.3 58.0 20.7 0.99 14.7 36.7 4.7 16.7 20.7 20.7 20.7 4.1 74.7 ٨١ 22.0 28.0 80.0 29.3 59.3 0.0 15.3 32.0 43.3 69.3 20.7 36.7 0.99 74.7 4.7 4.7 4.1 10.7 22.7 82.7 22.0 43.3 58.0 80.0 83.3 0.06 5.3 29.3 0.9/ 32.0 59.3 0.99 20.7 36.7 69.3 22.7 74.7 4.7 4.7 82.7 16.7 58.0 0.01 80.0 87.3 0.99 69.3 0.06 63.3 22.0 32.0 59.3 74.1 0.26 15,3 20.7 29.3 43.3 83.3 22.7 82.7 36.7 14.7 16.7 14.7 20.7 20.7 ۸۱ 58.0 0.9/ 87.3 15.3 29.3 43.3 59.3 0.99 69.3 22.0 74.7 80.0 80.0 20.7 32.0 36.7 83.3 89.3 92.0 92.0 22.7 14.7 14.7 4.1 52.7 58.0 0.99 69.3 16.0 83.3 29.3 59.3 32.0 36.7 15.3 20.7 22.0 22.1 43.3 74.7 82.7 87.3 14.7 16.7 14.7 4. 20.7 14. VI VI 22.7 29.3 20.7 20.7 32.0 43.3 58.0 58.0 0.99 0.99 69.3 76.0 80.0 80.0 82.7 89.3 12.7 15.3 56.3 83.3 4.7 14.7 20.7 22.0 36.7 74.7 90.7 91.3 16.7 4. 4.1 ٨١ VISIBILITY (STATUTE MILES) 22.0 0.97 29.3 35.0 59.3 69.3 43.3 74.7 15.3 15.3 20.7 12.7 4.7 14.7 14.7 22.7 36.7 16.7 ¥1 58.0 22.0 43.3 59.3 0.09 76.0 80.0 83.3 1.06 20.7 36.7 69.3 74.7 29.3 32.0 87.3 0.06 20.7 1.0 22.7 82.7 82.7 58.0 0.99 83.3 22.0 80.0 20.7 20.7 14.7 20.7 29.3 32.0 43.3 59.3 69.3 74.7 76.0 15.3 14.7 22.7 36.7 14.7 16.7 58.0 22.0 0.9/ 56.3 0.08 86.0 29.3 43.3 6.69 32.0 15.3 20.7 0.99 0.98 74.7 63.3 36.7 82. 22.7 . 16. 2 2 1/2 20.1 58.0 59.3 16.0 29.3 32.0 69.3 74.7 80.0 15.3 22.0 0.00 82.7 14.7 20.7 22.1 36.7 83.3 85.3 0.98 14.7 16.7 14. 0.99 20.7 22.0 58.0 72.0 74.0 83.3 32.0 50.3 14.7 14.7 14.0 15.3 15.3 15.3 28.7 29.3 29.3 36.7 43.3 43.3 69.3 74.0 78.7 81.3 82.7 14.7 18.0 20.7 20.7 20.7 80.7 18.0 22.7 22.7 22.7 16. . 4. ٨١ 59.3 0.01 11.3 78.0 20.7 20.7 18.0 22.0 22.0 24.7 31.3 32.0 36.0 36.7 78.0 4.7 55.3 58.0 60.7 65.3 0.00 78.0 4.1 14.7 72.7 76.7 4.7 16.7 17 0.99 69.3 42.7 62.7 0.89 56.7 65.3 4.7 44.7. 66.7 13.3 14.7 12.7 14.7 14.7 16.7 42.7 58.7 ٥ ۱۸ 13.3 27.3 18.0 0.04 43.3 0.55 45.3 45.3 45.3 45.3 45.3 45.3 42.7 45.3 11.3 40.7 32.7 22.7 NO CEILING VI VI 00081 00081 00081 14000 80 (FEET) 2 20000 VI VI 000 000 000 000 000 000 2000 4500 2000 88 88 5000 3500 1800 1200 88 88

ALAI

AI AI

AI AI

11 11

AI AI

ALAI

ALAI

AI AI

TOTAL NUMBER OF OBSERVATIONS

# F

AI AI

SOMS

0

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

1550

ALL HOURS (LST) APK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	2	٨١	\$0 Al	AI	60 Al	> 21/5	1 7	71 7	71	- AI	₹ Al	*	2 11	≥ 5/16	AI	٨١
NO CEILING	10.6	11.8	11.8	11. 20. 00	11.8	11.00	11.00	11.0	11.8	11.8	11.0	11.9	11.9	11.9	11.9	11.9
2000		14.4			14.4			4	• •	• •					14.5	14.5
1 4 1 6000	13.3	15.0	15.0	15.0	15.0	15.0	15.0	15.0			15.0	15.1		15.1	15.1	15,1
		15.1		15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2
12000	13.6	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4
	13.7	15.5	15.5	15.5	15.5	15.5	15.6		15.6	15.6	15.6	15.7		15.7	15.7	15.7
0006	13.8	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
	15.4	17.3		17.4	17.4	17.4	17.5	1.0		17.6	1.			17.7		17.7
7000	17.5	19.9		20.0	20.0	20.0	20.1	0	0	20.5		20.3	20.3	20.3		20.3
	17.8	20.4	20.5	20.5		50.5			0	0	•		0		20.8	
2000	18.2	21.0	21.1	21.1	21.1	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
	18.3	21.3	21.4				-	-		-	-		21.7		21.7	21.
1 1	21.5	25.8	26.0	26.0	26.0	26.0	26.1	26.2	26.2	26.2	9	26.3		26.3	26.3	26.3
1	23.0	28.3	28.5	28.0	28.0		28.7	8	28.8		20	80	28.8	28.8		28.8
3000	27.2	34.1	34.4	34.7	34.7	34.7	34.8	34.8		34.8	34.0	34.9		34.9	34.9	
	33.8	43.5	43.9	44.2	44.2	7.55	4.44		44.5	44.5	44.5			44.6	0.44	44.6
2000	39.8	53.7	54.5	55.0	55.1	55.1	55.4	55.5	55.5	55.5	55.5	55.6	2	55.6	55.6	55.6
	8.04	55.1		9.95	56.9	26.8	57.1	57.2	57.2	57.2	57.2	57,3	57.3	57.3	57.3	57.3
1500	44.7	61.9	63.8	64.7	65.2	65.2	65.8	0.99	0.99	0.99	0.99	1.99	1.99	1.99	1.99	66.1
	45.8	2.49	•	67.8			69.5	69.69		6.69	6.69		0.01	70.0	70.0	70.0
1000	47.5	67.8	70.5	72.7	73.8	13.8	74.7	75.2		75.2	75.5	75.3	2	75.3	75.3	75.3
	47.7	0.89	10.8	73.2	74.4	4.41	75.3	75.8	75.8	75.8		75.9	2	15.9		75.9
8	0.84	68.9	72.7	75.6	16.9	77.0			·	78.9	78.9	19.0	6	79.5	79.5	79.2
	48.3	9.69		76.8		78.5	80.0	80.7	80.7	80.9	81.0	81.1	81.3		81.3	81.3
9	48.4	70.7	74.8	78.2	80.2	4.00	82.2	82.8	85.8	83.1	83.3	83.3	3	83.5	83.5	83.5
	48.7	71.6	0.9/	5.64	81.9	82.2	84.8	85.8	85.8	86.2	•		36.7	86.7	86.7	66.7
8	00	72.3	77.2	80.9	83.9	84.2	87.5	88.8	88.8	89.3	89.8	89	6006	800.3		90.3
	2	72.4		81.4	84.8	85.2	89.2	90.06	90.06	91.2	95.0	92.3			63.5	93.5
7 200	a	72.4	•	81.3	85.0			91.0	-	91.7		93.1		*	6.46	95.3
8	6.83		11.5	-	85.1	4	1.68	91.1	61.3	61.6	93.1	63.0	1006	92.0	600	
	6.04	12.5		81.6	85.1	77.7	89.7	91.1	:				0		91.3	00.00

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (1 S T ) MAM 00

CEILING							VISI	VISIBILITY (STA	(STATUTE MILES	(S)						
(FEET)	01 4	٨١	۰۶ ۸۱	4	VI S	2 215	۲۹ ۱۸	VI 25	71	- AI	≱ ∧I	* 11	Z.	≥ 5/16	AI	٨١
O CEILING	22.6	3			3.	60	9	3.		3.	3.	3.	3.	3.	3.	3.
> 20000	23.2	3.	3			6	-			3	3		3	3	3	3
> 18000	23.9	*		. 4	4.		4	*	*	. 4	*	4	*	*	*	
14000	54.5	5		25.2	5		S	5	5	5	3	5.	3	5	3	2
	54.5	5	0	·	5	0	5	5	5	5	5	3.	5	5	3	5
12000	24.5	5			5		5	5	5	5	3	2	2	5	5	5
	54.5	3	5	5	5	0	5	5	5	3	5	3.	2	5	5	5
88	24.5	5			3		5		5	5		5	5	5	3	5
1	26.5	1		-	-	-	-	1.	1		-			-	-	-
288	30.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32,3
1	31.0	2	~	2.	2.	2.	3	2.	2.	2.	2	2.	?	2	7	2.
200	31.0				3.		-		6	*		3	3	6	3	
	32.9	4	5	5	3	6	3	5	5	5	5	5	5	5	5	5.
289	34.8	0	:		0		0	0	0	0	0	0	0	0	0	
	37.4	2	3	0	9	0	0	0	0	0	0	0	0	0	9	
3000	44.5	*	5		5	10		5	5	5	S	2	5	5	5	5
	51.0	-	5			.0				3	m	3.	-	3.	3.	3
2000	50.8	6	:	-	2.		2	2	2	2	3	2	2	5	3	3
	50.8	0	2	2	5	2.	2.	2.	2	2.	2	2.	7	2	3	3
1500	60.7	6	-	-	2	N	2	2	2	2	~	2.	3	2.	2.	
	61.9	-		*	5	5.	3.	0	5	5	5	2.	3	5	5	5
141	61.0	=	-		. 6		6	6	0		6	6	5	6	0	9
	61.9	3.			.0	0	0	0	0	0	0	0	0	0		
80	61.9	5	0	-	5.		·		2	2	2	5	3.	2.		
	61.9		:	2.	+	3	. 4	*	4	*		3		*		
8	61.0	0	:	en	*	4	*	;	;			95.5	5	5		95.5
	61.9	10	.0		*		4			100	5	1	2	5	10	
8	61.9	5	0	*			.0		0		-	-	-	-		
	61.9	50	0		0		.0		0	-	-		-			97.4
30	61.6	0	0	84.2	0	96.1	.0		. 9							4.66
	6.10	3.	90.3	2005	96.1	1006	8.96	96.8	0	3.16		1.86		1.86	1.86	4.66
٥	61.9	0	90.3	3.46		96.1	.0	8.96	0	4.16	1.86	98.1	1.86	18.3	7.86	0.00

135

1 2

1

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CI D

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C3 HOURS (LST) MAY

200

CERTING   23.2   24.5	CEILING							VIS	VISIBILITY (ST.	(STATUTE MILES)	ES)						
CHING 23.2 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24	(FEET)			\$ 11	<b>AI</b>				10000		-	7000		100	N)		
10000   25.8   27.1	NO CEILING	23	25	24.	3 5	40	4 50	* 50	24.5	* 50		+ 10		4 10	100 4 100 0	+ 10	25.8
1,000   2.5   8   27.1   27.	V 18000	25.	27	27.		-		7	27.1	-		27.1	27.1	27.1	27.1	-	27.
10000 25.8 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1			27		27.1	27.1	27.1	27.1	27.1	27.1		27.1	27.1	2/01	27.1	27.1	27.
25.8 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1			27		27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.
28.000 28.44 29.7 29.7 29.7 29.7 29.7 29.7 29.7 29.7			27		27.1	27.1	27.1	27.1	27.1	27.1	The same of the same		27.1	27.1	27.1		27.
36.00 31.6 34.2 34.2 34.2 34.2 34.2 34.2 34.2 34.2			32	32.		0 N	50	6 8		6 %	0 0	5 2	5 2	500			32.
4.00         34.8         38.7 <td< td=""><td>1</td><td></td><td>34</td><td>34.</td><td></td><td>3 3</td><td></td><td></td><td></td><td>4 4</td><td></td><td>4 4</td><td>* *</td><td>+ +</td><td>m w</td><td></td><td>34.</td></td<>	1		34	34.		3 3				4 4		4 4	* *	+ +	m w		34.
3500 43.9 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6			200	38.		500				50		50	0 80	00	38.		38
2500 50.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61			51	51.	m	m -	m -		6-	m -	m -	m -	m -	0-1	51.	· -	410
1500 62.6 81.3 81.9 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6			19	73.	- 6	- :		-6	- 6		- 6	m	3.	-10		-:6	20
1200 64.5 85.8 86.5 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1			4 60	81.		· ·	Access to the second	9 %		500	00	9 2	00	00	00	000	- 00
500         67.1         91.0         91.6         92.9         92.0			93	91.	2.5	2:2		2.3	2.2	2.5	23	- 2		- 2		2.3	00
700 67.1 91.6 92.3 93.6 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2			91	91.	92.9	200	n m	2 10	2 6	Nim	NE	Nm	30	~ m	200	Nin	00
500 67-1 91-6 93-6 96-1 97-4 97-4 97-4 97-4 97-4 97-4 97-4 97-4			91	93.		* 0		4 0	* 0	+ 0	4 0	+ 0		4 0			00
200 67.1 91.6 93.6 94.2 96.8 98.7 98.7 98.7 98.7 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99			91	93.	96.1		97.4	- 00			Comment Comment	- &		- 8	98.7	. 8	98.
0 67.1 91.6 94.2 96.8 98.7 98.7 98.7 98.7 98.7 99.4100.0100.0100.01			91	94.	96.8		98.1		98.1	98.1	99.4			00			6 0
			55	94.	96.8	98.7	98.7	98.7	98.7	98.7	100	100.00	0.001	00000	100.001	100.001	100

TOTAL NUMBER OF OBSERVATIONS

155

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0.00

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

31.0

31.0

31.0

27.1

27.1

31.0 31.6

31.6

51.0

51.0

53.2 72.9

2.60 51.0

45.2

45.2

40.7

40.7

40.7

35.5

31.6

72.9

74.2 81.9 83.9

74.2

72.9

83.9

63.9

81.9

87.1

87.1

90.3 016 91.0 94.2 95.5

91.0

91.0

91.0

0.16

91.0

91.0

90.3

89.7

87.7 89.0

89.7

88.4 89.0

87.1

84.5

0.69

88

AIAI

69.7

88

ALA

0.69

83.9 85.2 85.8 86.5 87.1

6.06

89.7

0.68

87.1

86.5

85.2

83.9

900

ALAI

81.3

83.2

81.9 82.6

81.9

81.3

80.7

80.7

80.0

4.89 0.69 0.69

1500

ALAI

73.6

72.9 73.6 73.6

94.2

2.46

23.2

23.2

٨١

25.2 25.2

25.2

25.2

25.2

25.2

25.2

25.2

25.2

25.2

CEILING VERSUS VISIBILITY

MAK

CEILING VERSUS VISIBILITY

HOURS (L S T MONTH 000

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

87.1 8009 25.2 31.0 63.2 6.06 0.16 0.16 25.2 25.2 25.2 31.6 51.0 35.5 35.5 45.2 72.9 74.2 83.9 87.1 87.1 23.2 27.1 31.6 81.9 40.7 87.1 25.2 31.6 63.2 51.0 51.0 51.0 51.0 51.0 83.9 25.5 91.0 31.0 31.6 40.7 2.54 87.1 600 14.2 25.2 25.2 25.2 25.2 25.2 25.2 72.9 81.9 87.1 90.3 31.0 31.0 83.9 83.9 83.9 0.10 35.5 35.5 35.5 45.2 25.2 25.2 25.2 25.2 25.2 31.6 72.9 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 74.2 40.7 63.2 63.2 63.2 81.9 81.9 ٨١ 31.0 31.6 31.6 74.2 91.0 91.0 31.6 31.6 72.9 80.3 45.2 45.2 45.2 87.1 87.1 87.1 40.7 27.1 27.1 ۸۱ 74.2 31.0 72.9 40.7 81.9 90.3 25.2 25.2 87.1 ٨١ 31.0 0.16 81.9 60.3 31.6 63.5 72.9 83.9 27.1 31.6 35.5 35.5 74.2 40.7 87.1 31.0 31.6 83.9 87.1 0.16 45.2 51.0 72.9 31.6 74.2 90.3 25.2 40.7 81.9 87.1 0.16 27.1 63.2 25.2 7

31.0 31.0

31.0

31.0 31.0

31.0

30.3

2000

31.0

31.6 31.6

31.6 31.6

31.0

31.0

2000

34.2

27.1

25.5

25.2

25.2 25.2 25.2

27.1

27.1

26.5

54.5

25.2 25.2 25.2 25.2

25.2

23.5

23.5

NO CEILING

> 20000 VI VI 00081 00081

24.5

54.5

12000

۸I

**1** 

۷۱ ده

۸۱

(FEET)

40.7

40.7

40.7 40.7

40.7

38.1

4500 4000

31.6

31.6 31.6 31.6 35.5 35.5 35.5 35.5 51.0

51.0 51.0 51.0

51.0

63.2 63.2 63.2

45.2

45.2

45.2 45.2 45.2

41.3 46.5

3500

72.9 14.2

72.3 72.3

72.3

71.6

62.6 63.9

2500

ALAI

63.2

52.5

63.2

TOTAL NUMBER OF OBSERVATIONS

155

95.5

95.5

95.5

95.5

95.5

94.8

6.76

85.8

1.69

88

AI AI

288

80

AI AI

93.6

95.5

8.46

8.45

93.6

91.0

95.5

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

ICELAND

KEFLAVIK,

16201

155

TOTAL NUMBER OF OBSERVATIONS

### CEILING VERSUS VISIBILITY JAN 78

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE 73-77 KEFLAVIK, ICELAND

(FROM HOURLY OBSERVATIONS)

HOURS (L S T MONTH WOM 60

	٨١	25.	25.2	27.	27.7	28.4	28.4	28.4	29.0	31.0	35.	35.	38.7	39.4					0					0	91.	92.	~	34.	97.	97.6	98.	000	
	AI	2.5	2.5	7.1	7.7	8.4		8			35.5												38.4			2.		94.8	4.16			98.71	
	2 5/16		5			8		00	29.0	:	35.5	5	8			3	0			70.3		63.9	88.4		91.6		65.6	94.8	4.16		98.1	98.7	
	AI Z										35.5													88.0			65.6		4.16			98.7	
	a₽ Al		2		27.7			8	6	:	-	5	8				0	60.7	6	0	-				91.6	5.	6.26	8.46	97.4	4.16	98.1	98.1	
	۸I	2	3	-	~	O	00	100	0	-	35.5	2	0	0	-	3	0	0	3	0	-	3	8		:				4.16			98.1	
ES)	Ā		2	7.	-	00		8	29.0	-	35.5	5			-			0		0	-				91.6		~	8.46			96.8	96.8	
VISIBILITY (STATUTE MILES)	71												38.	39.	41.	43.	50.							68	91.	92.	92.	94.	96.8			96.09	•
SIBILITY (S)	VI 74	25.		27.	27.	28.	28.	2	29.	31.	35.5	35.	38.	39	41.	43.	50	0	69	^	81.	83.	0	89.	91.	95.	92.9	96	o	90.8	•	96.8	•
N N	1 2	5	5	-	27.7		28.4	8		-	35.5	3	8	6	-	3.		0	6		:	3		6	-	2	•	3		96.8	.0	96.8	•
	≥ 2%		3			00	•	20	29.0		35.5	5			-	3.		0			-						92.3		94.2	34.5	94.2	94.2	
	8 AI	5	5	7	-	8	28.4	20	29.0	-	35.5	5	8	6		3	0	0	6	70.3	-	3		89.0	:	5		93.6	;		;	94.2	
	٨١			-			28.4	~	29.	31.	35.5	35.	3 30	39.		43.	50.	.00	69	70.3	81.9	83.2	87.1	87.7	90.3	91.0	91.0		91.6	91.6	91.6	91.6	
	8 41	25.	25.	27.		28.	28.4	28.	29.	31.	141	35.	38.	39.	4:	43.	50.	000	69	70.3	81.	82.	36.	87.1	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
	N AI				-			28.	29.	31.		35	38	39	41.	43	50.	00	69	0	81.	82.	60	87	88	88						4 4	3
	5 7	25.2	3	9	27.1		-	27.7	28.4	30.3	34.8	34.8	37.4	36.1	40.0	41.9	4.84	56.1	62.6	63.2	69.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
CEILING	(FEET)	NO CEILING	> 20000		141		12000		000		141	1	2000		000		3000	1	7000		1500		900		3		8		8		8	80	

SOWS DIRNAVOCEANMET

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

16201

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CEILING VERSUS VISIBILITY

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 MAK

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
(FEET)	5	٨١	۶۲ ۱۸	4	N Al	≥ 2%	7	¥1 ¥	¥1 ¥	-	% AI	*	Z.	≥ 5/16	24 Al	٨١
IO CEILING			27.1	27.1	27.1		1:	·	27.1		27.1	1./2	1.72	1.12	27.1	27.1
> 20000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
			-	27.7	27.7			-	27.7		27.7	-	27.7	27.7	27.7	27.7
14000					29.0	50.0	29.0		29.0	6	29.0		29.0	29.0		29.0
			6	0	6	5			29.0	. 6	29.0	0	0.62		6	29.0
12000			6	29.0	29.0	29.0	29.0	29.0	29.0		29.0	29.0	29.0	29.0	29.0	29.0
	29.0			29.7		0		6	29.7	6		0		0	6	29.7
000	29.0		29.7	29.7	29.7	29.7	29.7	29.7			29.7	29.7	29.7	29.7		29.7
1	29.7		30.3	30.3		0	0	0		0	0	0		0	0	30.3
7000	32.9			34.2		*			34.2	;		;		34.2	;	34.2
1	32.9			*				3						4		34.2
2000	33.6			34.8	34.8	34.8						*		34.8	34.8	34.8
		36		.0		0				9	0			0		36.1
141	36.1	37.	7	37.4	37.4		37.4	-	37.4		37.4	37.4	37.4	37.4	-	37.4
		.0		0			0	0		0		.0		0		40.0
3000	•	45	45.8	45.8	45.8	5		5		5	•	2	45.8	5		45.8
1		56.			0			0		0	7:			0	.0	56.1
2000		6.5	65.8	66.8	66.5	0	66.5		60.99		5	. 9	60.9	66.5	66.5	66.5
		650	65.8	.0		.0	-	-			-1			-	67.1	67.1
1500		78		0		0		-		-	1.3	81.3		81.3	81.3	81.3
		63	84.5		85.8	0				.0	.5	86.5	86.5	86.5	86.5	86.5
100	•	87	87.7	89.0	89.7			0	8006	0	6.06	80.3	80.3	8006	6006	90.3
		87	400	80.	90.3	0		:	91.0	-		-	0.16		91.6	91.6
8	69.7		89.7	91.0	92.3	2	•	2.	•	N	6.76	6.76	6.76	1	93.6	93.6
			90.3	-		*	;	*	34.5		2.46			4	8.96	94.8
8			600	91.6	2.46	*	3.46	;	8.46	8.46	94.8	8.46	8. 46	95.5	95.5	95.5
			90.3	92.3	8.40		6.56	0		9		1.96			8.96	8.96
9		•	90.3	92.3	8.76	8.46	95.5	1.96	1.96	1.96	1.96	1.96	8.96	4.16	4.16	97.4
			6.06	92.3	8.96	94.0	1.96			. 9	96.8			186	1.86	98.7
38	69.7			92.3	8.46	94.8	1.96	8.96	96.8		8.96	8.96		98.7	7.86	99.4
			6006	92.3	94.8	8.76	1.96	\$1.6	4.16	4.16	4.16	41.4	1.86	4.66	4.66	0000
٥				92.3	8.46	8.76	1.96	4.16	4.16	4.16	4.16	97.4	98.7	4.66	4.66	0000

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

1550

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CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING																
(FEET)	5 4	9	\$	1	60 Al	2 2%	7	71	71 71	- AI	* 1	AF Al	Z Al	≥ 5/16	AI	٨١
IO CEILING		9			6.		9	9	0	0	26.		0	9	9	26.
> 20000				26.5	;	56.5	.9	56.5	.0	•	26.	50.5		•	56.5	26.
≥ 18000		-	-		-		-	-	-	-	27.		-		-	27.
≥ 16000		27.7	-	27.7	-		-	-	1.	-	27.	1:	7	-	27.7	27.
		1.	-		-		-	-		-	27.			-		
> 12000	28.4		*	28.4	8	•	8	28.4	00	00	28.		00		8	
			00		8	00	8			CC	28.	8	00	8	100	28.
000		28.4			8		. 8	8	8	00	28.	8	8	8	8	
1	31.6	31.6	-	-	-		-	-	-	-	31.		-	-	-	-
7000			•	36.1	.0		0	9		0	36.	9	;	.0	0	
			9		0		9	9	9	0	36.	0	0	9	9	
2000	38.1	39.4		39.4	39.4	4.65	39.4	39.4	39.4	39.4		39.4	39.4	39.4	39.4	39.
			0		0		0		0	0	40	0	0		0	
400		2	2	2	2		2	2	2.	~	42.		3	2	2.	
					3			3		43.9	43.	3	3		3	43
3000			6	0	6	6	6	6	6	0	49.	6	6		6	
		1.			00		8	80	8	0	58.	0	8			
7 2000		6	0		-	-	-		-	71.0	7	-	-	-	-	7
		10.3	:	-	-		-	-	-	-	=		-:	-	-	7
1500		19.4	ò	:	:	-	-	-	-	-	8	:	:	-	:	81.
		84.5	2.	•	.0	. 9	.9		-		87.					87.
1000				0	0	•		-	-	~	6	:	-	-		91.
	12.9	87.1	9.		0	ċ	0	0.16	-		16	91.0	-	91.0	-	
8		87.1	0	-	2	2.	2.	3		~	63	3	3	*	3	
	72.9	87.1	-	92.3	3	•	*		+	;			*		:	96
8	2		:		*	•	5			96.1	1.96	1096				96
		87.7	2.		.0	0	-		8				27	98.1	œ	
8	5	87.7	2	93.6	0	96.1	-		8				1.86			
	72.9	87.7	92.3	93.6			4.16	98.1	1.86	98.7	98.7	98.7	98.7	98.7	1.86	98.
700	7		~	93.6	00.1	1.96	4.16	98.1	00	98.7		48.7		98.7	8	
8	72.9	87.7	65.3	93.6	96.1	1.96	4.26	98.1	98.1	98.7	1.86	98.7	98.7	98.7	0000	100

TOTAL NUMBER OF OBSERVATIONS

155

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2

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100

MAY MONTH 18

CEILING (FEET)				,	1			IBILITY (ST.						1		
ON INCOME	2 2 2		25.	4 2 2 2		2 2	1 14	25.8	2 8 2	1 1	1 6	F .		25.	25.8 25.	25.8 25.8 25.
	25.8	25.8	25.8	25.	25.8	25.00	25.00	25.8	25.8	25.8	25.8	25.8	-	25.8	25.8 25.8	5.8 25.8 25
	28.4		28.		8	8	8		80	80			-	0	8.4 2	8.4 28.4 28.
141	29.7		N	29.7	29.7	29.7		29.7	29.7	29.7	6	29.7	••	6	9.7 2	9.7 29.7 29.
	29.7	1	1	29.7		1.67	6	29.7	29.7		6			6	6.5	5 1.6
> 12000	29.7			29.7	29.7	29.7	29.7	29.7	29.7	29.7		29.7	2	6	9.7 2	9.7 29.7 29.
1	30.3			30.3	30.3		0	30.3	30.3	0	0	0		0	0.3 3	0.3 30.3 30.
000	30.3		~	30.3	30.3	30.3			30.3	30.3	0		•			.3 30.3 3
1	34.8		5.53			34.8	*	34.8	. 4	*		34.8		4 . 8	30	.8 34.8 34.
700	36.8		10	38.1	38.1	38.1	00	38.1	38.1	38.1					.1.	.1 38.1 3
1	36.8			38.1		38		38.1	38.1	0	80	38.1			.1 38	.1 38.1 38.
2000	37.4		3	39.4	39.4	39.4	39.4	39.4		39.4	39.4	39.4	m		4.4 39.4	•4 39
1	38.7	1	40.	1004	0	0	0	40.1	0	0					.7 40	.7 40.7 40.
1 1	41.3		4	43.9	43.9	43.9		43.9		43.9		43.9	43		4 6.	.9 43.
1	42.6		4	45.2	3			45.2	5				45	.2	4	45.2 45.
3000	47.1		51.	51.6	51.6	51.6	-	51.6	21.6	51.6	51.6	51.6	51	0	.6 51.6	5
1	53.6		59.	59.4	59.4		0	59.4	6	966		29.4		4	•	59.4 59.
2000	0.00		9	68.4	68.4	68.4	4.89	4.89	8	*		68.4		4	0	68.4 6
	60.7	1	69	0.69	0.69			0.69	0.69	6	0.69	0.69	69	0	9 0	9 0.69 0
1500	65.2		-	78.1	78.1	78.1	78.1	78.1	78.1		8	78.1	78	7		78.1
1	66.5			83.9		*		84.5	*			4		5	00	84.5
1000	67.1		m	6.06	91.0	91.0	-	91.6	:	91.6	91.6	91.6	6	0	0	911.6
	67.1	1		91.0				92.3	92.3		2.			3	.3 92.3	.3
8	67.1			91.6	6.26	65.6	65.6	93.6	3		•	93.6		0	6 93.6	.6 93.
1	67.7			92.3	93.6			8.46		8.96		8.46	76	00	8 94.8	. 8 94.
8	67.7			92.3	93.6	93.6	2.46	8.46	8.46	8.46	3	95.5		5	.5 95.5	.5
	67.7		0	93.6	95.5	95.5	.0	97.4	4.16	4.46	1.06	1.86	98	7	.1 98.1	.1 98.1 98.
8	67.7			2.46	96.1	96.1	96.8	98.1	98.1	7.96		4.66	100	0	2	2
1	67.7	1		34.5	1.06	1096	96.9	98.1	96.1	98.7	4.66	4.66	100	0	.0010.	.0100.0010.
38	67.7			44.2	1.96	96.1	8.96	98.1	98.1	98.7	4.66	4.66	100	0	.0010.	.0010.0010.
-	67.7			94.2	1006	1.96	96.8	98.1	98.1	1.86	4.66	30.66	100	0	.0100.0	.0100.0010.
١٨١	67.7		0	2.96	96.1	96.1	96.8	98.1	98.1	98.7	4.66	4.66	100	0	0.0010.	0100.0010

TOTAL NUMBER OF OBSERVATIONS

155

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# **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 HOURS (L S T ) HAY

NO CEILING   25   10   10   10   10   10   10   10   1	1	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-rormmoomma -on	11.02.001-120000000000000000000000000000	2 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	27 -1 -27	27.7. 27.7. 29.0. 39.3. 30.3.		27.1 27.7 229.0 29.7 30.3	27.1 27.7 29.0 29.7	2.4.	2 1.1 27.1	5 60	27.1 27.1 27.7	۸۱
2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 0 1 4 0 1 8 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1					11.00.0011120			000	00	27.1		-100	0	
250000 2.5 18000 2.7 18000 2.7 19000 2.6 19000 2.9 19000 2.9 19000 3.4 1800 3.4 1800 3.4 1800 4.7 1800 6.5 1800 6.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 mm 00 mm 00 mm	10000011000000000000000000000000000000	- 0 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	02 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-000000	-300000	-000	200	-	1	-00	- 0	27.1
18000 2.7 16000 2.7 12000 2.8 12000 2.9 10000 2.9 10000 2.9 1000 3.4 1000 3.4 1000 3.4 1000 3.4 1000 3.4 1000 3.4 1000 3.4 1000 3.6 1000 3.6	174407 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W 2 W	0 - mm 0 0 mm 0 - 0 Nm	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	07 F F F F F F F F F F F F F F F F F F F	00000000	3000	000	00	1.17		6	6	
14000 2.9 12000 2.8 12000 2.9 10000 2.9 10000 3.4 1000 3.4 1000 3.4 1000 3.4 1000 4.0 1000 4.7 1000 6.5 1000 6.	7400 M M M M M M M M M M M M M M M M M M	- mm 0 0 m w 0 - 0 N m	000 - 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	- m m o o m m m - o n	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000100	00011	6 0	6	0	6	•		
14000 2.8	440 M M M M M M M M M M M M M M M M M M	mm 0 0 m 0 0 0 0 0 0	3001 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	00000000000000000000000000000000000000	WW 0 0 W 0 W 0 W W 0 W W 0 W 0 W 0 W 0	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00	00	0	1	6	6	•	29.7	29.7
12000 2-9 8000 2-9 8000 2-9 8000 3-4 8000 3-4 8000 3-4 8000 3-4 8000 3-4 8000 3-4 8000 4-0 8000 4-1 8000 6-5 8-1 8	400 W W W W W W W W W W W W W W W W W W	m 00 m w 0 - 0 N M	NO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	m 0 0 m m m - 0 n	E 0 0 E B	0	0		0	0	0	0	0	30.3
10000 29 8000 34 8000 34 8000 34 8000 34 8000 34 8000 34 8000 34 8000 34 8000 40 8000 40 8000 40 8000 65 80000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000-000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000	70		30.3	0	30.3	0	30.3		30.3
29. 29. 34. 360. 34. 360. 34. 360. 34. 360. 34. 360. 34. 360. 34. 360. 47. 360. 360. 47. 360.	740 8 8 2 4 4 8 8 M	0 0 0 0 0 0 0	200000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	2.3	- 200	-	-	:	-	-			31.0
8000 34 5000 34 5000 34 5000 34 5000 34 5000 47 3300 47 3300 65 65 66 66 66 66 66 66 66 66	W W W W W W W W W W W W W W W W W W W	m w = - 0 N m	NO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	W 8 8 1 0 7	N 9 8 9 0 8		20	2	31.6	31.6	31.6	:	-	31.6	31.6
2500 53 200 180 180 655 655 655 655 655 655 655 655 655 65	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 - 0 N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30.00	9 9 9 9 9 9 9				2	3.	2.	7	2.	2	32.3
6000 34. 5000 34. 5000 34. 5000 47. 5000 65. 5000 65.	0 4 4 9 9 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2000	0 0 0 C	3.00	0 - 0 0		-		36.8	36.8	36.8		36.8	•	36.8
3500 34. 4500 40. 3500 47. 3500 47. 3500 65. 3500 65.	44086	-075	3.00	3.2	200			9				0	36.8		36.8
2500 47 2300 47 2300 65 2300 65	5 4 4 5 5 5 4 4 5 5 5 4 5 5 5 6 4 5 5 5 6 5 6	0 7 5	3.2	3.2	3.0	38.1	38.1	80	38.1	38.1	38.1	8	38.1	38.1	38.1
3500 41. 3500 47. 3500 53. 2500 65.	52.0	25	3.2	3.2	3.2	0.0	0	0	0				0	0	
3500 41. 2500 53. 2000 65.	52.3		The state of the s	-		43.2	100		43.2	43.5	43.2	43.2	3	3	43.2
2500 65.	52.3		6.9	•	6.9	6.5	0	0	9		•		9		
2500 53. 2000 65.	-	0		3.6	3.6	-				3	3.	53.6		3	53.6
1800 65	0.09	0	6.	61.9	1.9	6.1	61.9			61.9				610	61.9
1800 0081	2 75.5	7		7.	8.1			00	78.1	00		30	8		
1500	5 76.8	4	0		4.6	5.6			6	6	6	6	19.4	19.4	
	4 80.7	'n	5.5	85.2 8	5.5		85.2			85.2	85.2	2	3		
1200 69	0 81.9	10		. 9	6.5	• 2	•	0	86.5	•	•	0	86.5	86.5	
2 1000 69.	6.88 0	2	1.6	6 9.16	1.6	1.6	91.6	91.6	91.6	91.6	-	-	91.6	91.6	91.6
-69 006	0 83.9	m	1.6		1.6	1.0	-	•	91.6		-4	-	91.6	91.6	91.6
69 008	63.9	3	1.6	5.	5.9	6.	6.26	3	93.6	93.0	93.6		93.6	93.6	
200 69	84.5	0	00	10	0.4	00		8.46	5.56	62.5	2	3	95.5	62.5	95.5
× 69 009 ×	84.5	0	92.3	6 8.46	20 - 4	3	8.46	8.46	95.5	95.5	5	95.5	95.5	95.5	95.5
69 005	84.5	0	2.3	8.0	0.0	96.8			-	4.76	-	-	97.4	4.16	97.4
100 69	0 85.2	9	5.0	97.4	7.4	98.1		8	7.86	98.7	98.7	8	00	1.86	98.7
.69 000	0 85.2	0	65.6	97.4	7.4	1.86	98.1	98.1	7.86	48.7	98.7	98.7	98.7	7.86	98.7
200 69	0 85.2	0	92.9	6 4.16	4.7			98.1	7.86			98.7		4.66	66
.69 001	0 85.2	91.6	65.26	6 4.25	1.4	1.86	1.86	98.1	7.86	1.86	1.86	1.86	3	C	0000
0 69	0 85.2	-	2	5 4.15	4.		98.1	98.1		98.7		98.7		00	00

TOTAL NUMBER OF OBSERVATIONS

155

30.5

30.5

28.3

28.3 28.2

28.2

34.6

34.6

35.0 36.2

35.0

27.8 27.8

26.9

26.9

25.7

25.2

7.72

27.7

27.9

27.9

36.2

31.8

37.8 41.1 6.44

36.2

41.1

41.1 44.3 9.09

9.09 71.5 12.6 81.9

51.1 9.09 71.5

51.1

51.1

51.1

51.1 51.1

45.9 50.7

3000

11 11

0.00

9.09 71.5

60.5 60.5

59.8

53.5 61.1

2000

71.5

71.4

71.2 72.1

70.2

12.5

12.4

12.3

81.8

81.7

81.5

79.5

8.99

1500

AI AI

61.7 71.1

85.5

85.4 0.06

0.58

84.4 81.1

68.0 82.7

90.1

89.4

38.6

86.1

4.89

900

AI AI

40.4

6.06 92.2 93.2 93.8

68.4 86.3 88.8 89.8

92.3

91.1

1.06 1.06

87.0

4.89

88

68.6 87.3 68.6 87.3

88

72.6

81.9

85.7

85.7

90.3

90.3

95.8

95.8

40.7

1006

0.46 8.46

0.46

8.46

8.46

8.46 36.5

94.8

64.7

94.5

6.46

4.46

92.3

8.06

91.1

87.4

9.89

93.3 63.6

95.8

2.56 8.56

HOURS (L S T MAY ALL MONTH

1040

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

CEILING VERSUS VISIBILITY

YEARS

27.8 27.8 35.0 37.8 63.6 28.2 85.7 6.06 12.6 56.9 27.9 28.3 30.5 34.6 41.1 644.3 51.1 71.5 81.9 7.26 27.7 36.2 40.1 25,7 Z Al 35.0 51.1 71.5 81.9 28.3 9.09 27.8 28.2 34.6 37.8 41.1 12.0 85.7 8003 63.6 27.9 30.5 92.7 27.7 36.2 6.44 40.7 85.7 71.5 81.9 27.9 6.06 93.9 28.3 51.1 72.0 28.2 35.0 41.1 0.09 34.6 37.8 27.7 30.5 36.2 44.3 92.7 25.7 27.8 27.8 27.8 27.8 1.06 ۸۱ 28.3 25.2 28.2 63.6 72.6 37.8 41.1 6.44 8.44.3 51.1 71.5 81.9 30.5 30.5 35.0 9.09 90.3 92.7 26.9 26.9 34.6 85.7 85.7 40.4 27.9 27.9 36.2 VISIBILITY (STATUTE MILES) 37.8 9.09 12.6 34.6 28.3 93.8 35.0 71.5 6.06 28.2 28.2 36.2 41.1 51.1 81.9 1.06 92.7 28.3 51.1 27.7 27.9 9.09 30.5 41.1 37.8 72.6 56.9 34.6 644.3 35.0 81.9 800.3 93.8 71.5 25.7 36.2 85.7 92.7 90.1 12.0 56.9 85.6 27.9 30.5 34.6 71.5 81.9 28.2 9.09 92.5 25.7 28.3 35.0 36.2 37.6 41.1 6.44 51.1 90.5 93.6 27.8

30.5

30.5

30.5 30.5

30.5

28.3

28.3 28.3

28.3

27.6 8.62 33.2 33.5

900

AI AI

28.5

28.2

34.6 35.0

34.0

34.6 34.6

34.6

2000

AI AI

35.0

35.0

35.0 36.2 31.6

35.0

27.1 27.8 27.8 27.8 27.8 27.8

27.7

27.7

27.7

50.07

VI VI 00091 00091

26.9

25.7

25.2 25.2

25.2

25.0

> 20000

NO CEILING

0

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٨١

٨١

0

(FEET)

27.9

27.9

27.2 27.9 27.9 27.9

V 14000

28.5 28.3 36.2

37.8

37.8

37.7 40.8

35.9

36.1

34.4

2000

AI AI

36.2

56.2

41.1

41.1 6.44

41.1 41.1

38.2

4500

AIAI

40.5 44.0 44.3 44.3

6.44

TOTAL NUMBER OF OBSERVATIONS

1240

61.6

6.46

8.76

7.79 7.79

97.5

97.2

96.8 6.96

95.7

93.2

91.2

87.5

9.89

88

98.6

98.5

98.6

97.4

6.96

6.56

1.56

63.3

91.3

80

88

61.3

95.7

91.3

98.2

61.6

96.5

96.5

60.96

SZZI

KEFLAVIK, ICELAND

T3-77

T3-77

PERCENTAGE FREQUENCY OF

YEARS

CHINA IVIV IVIV IVIV IVIV IVIV IVIV IVIV I	mmmmmormonoromormmmmmoorrer	00000000000000000000000000000000000000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	PERCE PECC PERCE PER	FROM 2000 2000 2000 2000 2000 2000 2000 20	FREG HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOUR	VICENC 11. Υ ΟΕΝ ΔΕΝ ΔΕΝ ΔΕΝ ΔΕΝ ΔΕΝ ΔΕΝ ΔΕΝ Δ	20.01 20.01	ATION ATION ATION ATION ATION ATION ATION ATION ATION ATION A STATE ATION ATIO	S. S. S. S. S. S. S. S. S. S. S. S. S. S	T	7 000000000000000000000000000000000000	" 0000000-4- par0404 mmn 4 m 4 m - b o m u m m m m	00000000000000000000000000000000000000	V 20020202020202020202020202020202020202	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PERCENTAGE FREQUENCY OF OCCURRENCE  (FROM HOURLY OBSERVATIONS)	VISIBILITY (STATUTE MILES)	210 26 25 24 23 22% 22 21% 21% 21 24 24 25 25/16 24 2	18 1 20 0 20 0 20 0 20 0 20 0 20 0 20 0	20000 19 3 20 0 20 0 20 0 20 0 20 0 20 0 20 0 2	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	19.3 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	16000 19.3 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	19.3 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	13000 19.3 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	19.3 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7	900 20.0 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3	8000 22.7 24.0 24.0 24.0 24.0 24.0 24.0 24.0 24.0	7000 25.3 27.3 27.3 27.3 27.3 27.3 27.3 27.3 27	Z5.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28	5000 27.3 29.3 29.3 29.3 29.3 29.3 29.3 29.3 29	4500 4860 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30	4000 30.7 34.0 34.0 34.0 34.0 34.0 34.0 34.0 34.0	3500 34.0 40.0 40.0 40.0 40.0 40.0 40.0 40	3000 37.3 44.7 44.7 44.7 44.7 44.7 44.7 44.7	2500 44.0 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53	2000 52.7 63.3 63.3 63.3 63.3 63.3 63.3 63.3 63	1800 33.3 65.3 65.3 65.3 65.3 65.3 65.3 65.3	1300 58.7 74.0 74.0 74.0 74.0 74.0 74.0 74.0 74	1200 59.3 78.7 78.7 78.7 78.7 78.7 78.7 78.7 78	1000 61.3 82.7 82.7 83.3 83.3 83.3 83.3 84.0 84.0 84.0 84.0 84.0 84.0 84.0	00 01.3 82.7 84.0 84.7 84.7 84.7 84.7 85.3 85.3 85.3 85.3 85.3 85.3 85.3	800 61.3 84.0 86.0 86.7 86.7 86.7 86.7 87.3 87.3 87.3 87.3 87.3 87.3 87.3	700 64.0 84.7 86.7 87.3 88.7 88.7 89.3 89.3 89.3 89.3 89.3 89.3 89.3	000 62.0 84.7 87.3 88.0 89.3 89.3 89.3 90.0 90.0 90.0 90.0 90.0 90.0 90.0 9	500 62.7 86.0 88.7 90.0 91.3 91.3 92.7 92.7 93.3 93.3 93.3 93.3 93.3 93.3 93.3	400 62.7 86.0 89.3 91.3 92.7 92.7 94.7 94.7 95.3 95.3 95.3 95.3 95.3 95.3	300 62.7 86.0 89.3 92.0 94.0 94.7 96.7 96.7 97.3 97.3 97.9 98.0 98.0	200 62.7 36.0 89.3 92.0 94.0 94.7 96.7 96.7 97.3 97.3 97.3 98.0 98.0 98.7	100 02.7 86.0 89.3 92.0 94.0 94.7 96.7 97.3 97.3 97.3 98.0 98.9
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TOTAL NUMBER OF OBSERVATIONS

150

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST) NOUN

2

	٨١	21.3	21.3	22.0	22.7	26.7	31.3	34.0	42.7	56.7	73.3	83.3	86.0	88.0	94.0	98.7	00.00
	AI	21.3	22.0			30.7	33.3	40		56.7	73.3	83.3	36.0	88.0	96.0	97.3	99.3
	≥ 5/16	21.3	22.0	22.0			- m	40	20	56.7	73.3	83.3	34.0	687.3	94.0	97.3	99.3
	N Z	21.3	22.0	22.0	22.7	30.7	33.3	34.0	42.7	56.7	73.3	83.3	86.0	88.0	96.0	91.3	98.7
	≱ ∧I	21.3	22.0				w w	34	42.1	56.1	73.3	83.3	84.0	88.0	93.3	97.3	97.3
	AI	21.3	21.3		22.7		33	34.	42.	56.7	73.3	83.3	86.0	88.0	93.3	95.3	96.7
LES)	Ā	21.3	21.3	2 1	22.7			40	42.	56.7		83.3	84.0	88.0	93.3	95.3	96.0
VISIBILITY (STATUTE MILES)	VI 3.1	21.3	22.0	22.0	22.7		33.3		46.0	56.0		16.7	83.3	86.78	92.0	94.0	94.7
SIBILITY (S	¥1 ¥	21.3			22.7	20.7	-	38	-	56.0	72.7	82.7	85.3	87.3	94.0	94.7	94.7
Ä	VI VI	21.3	21.3	22.		26.7	33	34.	4 4	56.0		82.7	83.3	80.7	92.0	0.46	94.0
	2 2%	21.3	22.0	22.0	22.7		33.3		42.0	56.0	72.7	82.7	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	86.78	92.7	92.7	92.7
	N AI	21.3	22.0	22.0		30.7	w w	34	42.0	56.0	72.7	82.7	83.3	87.3	92.7	92.7	92.7
	<b>AI</b>	21.3	21.3	22.0	22.7	30.7	33.3	* 00	-	56.0	72.7	82.7	83.3	86.7	91.3	91.3	91.3
	VI 55			20		30.7		3.8		0 0							
	۸۱	22	22	22	22	26.7	33	38	45	56	72	80	8 8	83	3 20		80 80 87 80
	N 5	202	20.7	23.0	22.0	29.3	31.3	34.0	40.0	53.3	55.7	59.3	61.3	61.3	61.3	61.3	61.3
CEILING	(FEET)	NO CEILING	18000				1			12 2000	VI VI 0081 0081	VIVI 120 1000	8 8	88	8 8 AI AI	8 8	80

m m m o o m t t t t m m m o o m o o m t m o

TOTAL NUMBER OF OBSERVATIONS

150

TERME TERME

SMOS DIRNAVOCEANMET

12095 00181

27.3

28.7

38.0

36.7

28.7

84.0

84.0

87.3 0.88

80.0

86.0 87.3 88.0 88.0

80.0 87.3

0.98

86.0

86.0 87.3

85.3

85.3

85.3 86.7

84.7

84.1

86.7

86.7

86.0

86.0

84.7 84.7

64.7 83.3 85.3 85.3 86.7 86.7 87.3 87.3

84.0

84.0

83.3 84.0 84.0

83.3

83.3

83.3

83.3

81.3 82.7 82.7 81.3 83.3 83.3

1.49 1.40 4.7

1200

11 11

88

AIAI

78.7 78.7 78.7

87.3 88.0 88.0 88.0 88.0

87.3 88.0 88.0 88.0

87.3 87.3

86.7

83.3 85.3 85.3 86.7

64.7

88

AI AI

88

92.0 92.0

87,3 87,3

88.0

88.0

92.7 96.7 7.86

92.7

92.7 92.7

96.7

96.7

96.0 96.7

93.3 94.7

98.7

98.7

0.86 0.96 0.46

0.96 0.46

0.46

0.46

0.46

0.26

2.59

88

63.3

65.0

0.76

88.7 89.3

91.3

0.06

0.06

84.0 87.3 88.0

98.7

78.7

78.7

78.7 84.0

78.7

78.7

62.7

62.7

62.7

62.7

62.7 62.7 62.7

52.7

52.7

52.1

52.7

52.7 52.1

52.7 62.7

52.1

52.7

52.

52.1

50.0 52.7 52.7 52.7

43.3

43.3

43.3

62.7

62.7

62.7

62.7 62.7 62.7

56.7 62.7 58.0 64.7

2000

AI AI

A1 A1

11 11

AI AI

AI AI

64.

64.7

64.

64.

64.7

64.

64.7

64.7

64.

1.99

04.

1.99

64.7 64.7

75.3

75.3

75.3

75.3

75.3

75.3

75.3

75.3

75.3

75.3

75.3

74.7 74.7 74.7

1800

AI AI

78.7

78.7

78.7

78.7

78.0

54.0 77.3 78.0

22.0

20.7

20.7

20.7

20.7

#### CEILING VERSUS VISIBILITY

YEARS

HOURS (L S T 90

2

28.0 28.0 38.0 20.02 27.3 43.3 28.7 20.7 20.7 22.0 24.7 28.7 36.7 20.7 20.7 20.0 20.0 22.0 27.3 28.0 38.0 20.7 20.7 36.7 28.7 24.7 28.7 43.3 20.7 20.7 22.0 28.0 38.0 20.02 20.7 27.3 7.82 20.7 43.3 36.7 20.7 20.7 28.7 2 ۸۱ 22.0 27.3 28.0 20.7 36.7 20.7 38.0 43.3 1.07 28.7 28.7 20.7 A! 22.0 27.3 28.0 28.0 28.0 28.0 38.0 38.0 38.0 20.7 20.7 36.7 36.7 43.3 43.3 28.7 28.7 20.7 28.7 28.7 20.7 20.7 ۸I PERCENTAGE FREQUENCY OF OCCURRENCE 22.0 20.0 24.7 27.3 20.7 20.7 20.7 ٨١ VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 22.0 20.0 27.3 43.3 20.7 20.7 36.7 20.7 20.7 28.7 28.7 28.7 43.3 25.0 38.0 20.02 27.3 20.7 36.7 20.7 20.7 20.7 71 28.0 28.0 7007 22.0 36.7 38.0 20.0 20.7 27.3 20.7 28.7 24.7 28.7 28.7 20.1 22.0 27.3 38.0 20.0 20.7 28.7 36.7 20.7 50. 50. 24. AI 28.0 36.7 28.7 20.7 20.7 22.0 22.0 38.0 20.7 27.3 28.7 28.7 28.7 28.7 20.7 ٨١ 27.3 27.3 27.3 20.0 20.7 36.0 38.0 38.0 38.0 20.0 27.3 28.0 28.0 28.0 36.7 40.7 43.3 43.3 43.3 20.7 20.7 20.7 20.7 24.7 20.7 20.7 28.7 28.7 28.7 ٨١ 20.0 22.0 22.0 36.7 36.7 20.7 VI VI 20.1 20.7 20.7 24.7 28.0 28.0 19.3 20.0 24.0 34.7 20.0 20.0 26.7 NO CEILING VI VI 00081 00081 (FEET) > 20000 12000 3500 VI VI 80 80 80 80 80 2000 2000 4500

TOTAL NUMBER OF OBSERVATIONS

1.86

48.7

0.86

0.96

0.46

0.46

0.56

92.0

92.0

80.3

88.7

64.7

80

AI AI

92.0 92.0 94.0

92.0

92.0

150

SOWS DIRNAVOCEANMET

1330

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

Ţ

150

CEILING VERSUS VISIBILITY

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

60 60 NO N

808B

FREQUENCY OF OCCURRENCE HOURLY OBSERVATIONS)	VISIBILITY (STATUTE MILES)	72 715 714 71 74 74 74 75 75 75 70	16.0 16.0 16.0 16.0 1	18.7 18	20.0 20.0	.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3 21	21.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3	21.3 21.3 21.3 21.3 21.3 21.3 21.3 21.3	21.3 21.3 21.3 21.3 21.3 21.3 2	2.0 22.0 22.0 22.0 22.0 22.0 22.0	0 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.	.0 28.0 28.0 28.0 28.0 2	29.3 29.3 29.3 29.3 29.3 29.3 29.3	3 31.3 31.3 31.3 31.3 31.3 31.3 31.3	0 32.0 32.0 32.0 32.0 32.0 32.0 32.0 32.	0 38.0 38.0 38.0 38.0 38.0 38.0 38.0 38.	39.3 39.3 39.3 39.3 39.3 39.3 39.3	4.7 44.7 44.7 44.7 44.7 44.7 44.7 44.7	7 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.	0.40 0.40 0.40 0.40 0.40 0.40	76.2 75.3 75.3 75.3 75.3 75.3 75.3 75.3 75.3	7 80.7 80.7 80.7 80.7 80.7 8	4.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7	85.3 85.3 85.3 85.3 85.3 85.3 85.3	.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7	88.0 88.0 88.0 88.0 88.0 88.0 88.0	.7 88.7 88.7 88.7 88.7 8	0 92.0 92.0 92.7 92.7 92.7 92.7 9		96.0 95.3 95.3 98.0 98.0 98.0 98.7 98.7 99.3 99.3	.3 95.3 98.0 98.0 98.0 98.7 98.7160.01	000000000000000000000000000000000000000
4CE		٨١	16.0	.7 18.7 18	20.02	.3 21.3 21.	.3 21.3 21	.3 21.3 21	21.3 2	22.0 2	0 26.0 2	28.0 2	29.3 2	1.3 3	35.0	38.0		4.7	7 54.1	0.00		0.1	7 84.7 8	5.3	7 86.7	0.8	8.7.8	- 1	-	- 6	0.86	
F OCCURRE	(STATUTE MILES)	VI Ž		-	20	21	.3 21.3 21	.3 21.3 21	1.3 21	22	26.0 26	28.0 28	.3 2	1.3 3	32.0 3	38.0 3	39.3 3	44.7 4	24.7	0.00	75.3 7	80.78	7 84.7 8	85.3 8	85.7 8	88.0 8	88.7 8	7	3 43.3 94	. 6	3	
EQUENCY O	VISIBILITY	1	0 16.0 16		0 20.0 20	2	3 21.3 21	3 21.3 21	3 21.3 21		26.0 26	•0 58	29.	3 31.	32.0	38.0	63	7 44.7 4	7 54.7	0.40	3 78.3	7 80.7	7 84.7 8	8 85.3	7 86.7	0.8	8 . 7	0	7 93.3 93	7 96.0 95	6	1
PERCENTAGE FRI (FROM HO		Y 3 Y 215		7 18.7 18.			3 21.3 41.	3 21.3 21.	13 €.	.0 22.0 22.	26.0 26	.0 28	.3 29	m	32.0	8.0 3	30	44.7	24.1	04.0	78.3 75	80.7 8	8 4.7 8	85.3	7 86.7 86.	88.0	88.7 8	92.0	.3 92.7 92.	3 92 7 92	6	
PERC		4 4 8 4	16.0		20.0	21.3	21.3 2		1	22.0 22	20.0 28	28.0 28	29.	31.3 3	32.0 32	38.0 38	39.3	44.7	54.1	0.00		80.0	84.0 8	84.7	86.0	86.7	87.3	88.7 91	88.7 91	88 1	88.7	
		N 00 X	0	0	-	~	-	1	-	3	3	3	1	-	9	~	1	3	~	7	2	-	1	1	1	~	1	1	-	06.7 88.0		
	CEILING		CEILING	> 20000	8000	16000	4000	12000	0000	0006	8000	2000	0009	2000	4500	000	3500	3000	2500	7000	1800	2000	900	8	800	700	909	200	80	300	8	8

TOTAL NUMBER OF OBSERVATIONS

1

1

1

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5703 CEILING VERSUS VISIBILITY JAN 78

# CEILING VERSUS VISIBILITY

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KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 NON

CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES	(\$3						
(FEET)	5 71	۰ ۸۱	8	71	E AI	2 2%	1 2	YI YI	7 1	- -	AI	a₽ Al	Z Al	≥ 5/16	AI.	٨١
NO CEILING	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3		17.	17.3
20000	0.81	18.0	18.0	200	10.0	20.00	· ·	•	0.00	•	_	0	0	20.00		00010
18000	2000	21.3	21.3	21.3	21.3	21.3	200	21.	21.3	21.3	21.3	21.3	21.3	21.3	22.	3 21.3
00071.	21.3	21.3	21.3	21.3	21.3	21.3	- 1	21.3			21.3		: :		:	2
12000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.	\$ 21.3
	22.0	22.0	22.0	22.0		22.0	22.0	22.0		22.0	22.0	22.0		22.0	22.	322.0
0006	22.0	22.0	22.0	22.0	22.0	22.0		22.0		22.0	2.	5	2.		2.	0 22.0
1	24.0	24.0	24.0	24.0		24.0	24.0	24.0		•	24.0	54.0		24.0	*	~
7000	27.3	27.3	27.3	27.3		•	27.3	27.3	27.3	27.3	27.3	27.3	27.3	7.	•	1 27.3
	28.0	28.0	28.0	28.0					00	28.0	8	28.0	00	28.0	*	~
2000	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0			•		8	8	8	~
1	28.7	28.7	28.7	28.7		28.7				00	0	28.7	0	28.7		28.7
0004	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	3	33.3	3	3	3	33.3	33.	3
	36.0	36.0	36.0	36.0			.9	0	0	.0	•		0	•	0	0 36.0
3000	41.3	45.0	45.0	45.0	45.0	45.0	45.0		2	2	2	5	2.	45.0	2	4
1	66.3	20.0	•	ò		0		20.0		50.0		20.0	0	20.0	.0	0 20.0
1 2000	55.3	58.0	58.0	58.0	58.0	58.0	58.0		8	00	8	58.0	58.0	•	8	5
	56.0	0.00	0.09	0			0			0.09		0.09	0	0.09	900	0.09
1500	1.40	71.3	•	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	-	71.3	71.	3 71.3
	0.99	74.0	74.0	74.0		0.4/		74.7	*	74.7		14.7		74.7	14.	74.7
000	70.7	83.3	84.0	84.0	84.0	84.0	84.7			84.7			84.7	84.7	84.	84.7
	70.7	83.3	0.49	0.48	24.1	84.1	85.3	85.3	85.3	85.3	85.3	85.3		85.3	85.	85.3
8	71.3	84.0	84.7	85.3	86.0	86.0		86.7		86.7			0.77			86.7
	71.3	65.3	86.0	86.7	87.3	87.3	0.88	88.	88.0	88.7	88.7	88.7		88.7	88.	88.7
8	71.3	86.7	87.3	88.7	0.06	0.06	1.06	7.06		91.3	61.3	91.3	61.3	91.3	91.	1 91.3
	71.3	87.3	88.0	-	92.0			64.1	*	0.96	•	0.96	0	0.96		0.96
7 400	71.3	87.3	88.0	80.3	95.0	92.7	0.46	95.3	9	98.0	8	0.86		98.0	98.	98.0
	74.3	87.3	88.0	0.06	92.7	0.76	62.3	61.3	98.0	1322		•		0000	100.	0100.0
1 200	73.3	87.3	0.88	0.06	65.7	0.46	95.3	97.3		00.00	00.00	00.00	00.00	0000	100.0	100.0
	71.3	87.3	0.88	0.06	95.7	0.46	95.3	6.16	0.86	0000	00.00	00.00	00.00	0000	100	1000.0
٥	73.3	87.3	88.0	0.06	92.7	0.46	95.3	61.6	0.96	0.00	00.00	00.00	00.00	0000	1001	10000

TOTAL NUMBER OF OBSERVATIONS

150

SOWS DIRNAVOCEANMET

1550

16201 STATION

- C

## **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 NOUN

2

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$3)						
(FEET)	5	NI V	\$ 11	1	۳ ۸۱	2 2%	71	¥ 71	7	-	٨١	<b>₽</b>	Z.	2 5/16	AI	٨١
NO CEILING	3			20.7	20.7	20.7			0	20.7	20.7		0		20.7	20.7
> 20000	0	-		21.3	21.3	21.3	21.3	21.3	21.3	-	21.3	21.3	-	21.3	21.3	
	2		1			4	*	1							24.0	24.0
14000		5		25.3		25.3	25.3			10	25.3	25.3	5			
	4	100	1	25.3	25.3	0		5	3			5	5			25,3
17000	*	260		25.3		10	25.3	5		5	25.3	25.3	0		25,3	25.3
1 -	0	-	1	27.3				-	-	1.	27.3	-	1			27.3
38	26.0	27.3	27	27.3	27.3	27.3	27.3	27.3	27.3		27.3	27.3	27.3	27.3	27.3	27.3
1	-	000	28.		8		8	8	8			100	0		28.7	
1 1 2 8 8	2	-3	34	34.0		34.0	34.0	34.0	*	34.0	34.0	34.0	+			34.0
	2	13	34					\$	4	4		3	*	34.0	*	
2000	3	-2		34.7		34.7	34.7	34.7			*	34.7	*	34.7	34.7	34.7
	*		35.			35.3	5.	3.		6	5	1	5	35.3	35,3	35.3
38	.0	-	37	37.3	37.3	37.3	37.3			37.3		37.3	37.3			
1	6	10	40.	1.04				0		0	0	C	0		40.7	40.7
3000	5		46.	46.7	46.7	0	40.7		9		9	46.7	0	46.7		
	0	100	1	52.0		N		2.	2	2	52.0	N	52.0	52.0	2	52.0
2000	. 9	-	.09			0		0		0	0		0			
1		-	02.			0.20		2	2	0	2	2	2	0.20		
150	8	100	76.	76.0		0	76.0					.0	.0			76.0
1	0	100	30.				0	0		0	0	80.7		80.7	0	
9	-	4		87.3		87.3	-	8	8	88.0	8	œ	*		8	
	evi.	13	1	87.						00	30	00		88.0	00	
8	2	40		2006		91.3						2			5	92.0
	N	1	06	40.7				2			1.76		2.	92.7		
38				2006	92.0	92.0	92.0	92.7		92.7	92.7	92.7	92.7	92.7	92.7	92.7
	2	-	1					0.96	0		0.96			96.0	0.96	
3 8	~	-		0.46	95.3	95.3	0.96	97.3		98.7	98.7	98.7		98.7	98.7	98.7
	2	-	1	0.46	95.3	93.3	0.96	6.16	98.0	7.86	66.3	66.3		66.3	66.3	66.3
141	2			0.96	65.3	95.3	0.96	81.3	98.0	48.7			.00	0	00	100.0
	2	-		0.06		6.56	0.96	6.16	0.86	1.86	66.3		100.00	10000	100.0	100.0
1 1	~			0.46	65.3	6.56	0.96	97.3	0.86	48.7		.3	0.00	0	00	

TOTAL NUMBER OF OBSERVATIONS

17.0

3080

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NONTH

1.8

		m 0			1.	m	.3	3	0	0	0	0	0		3		0	m				.3	0	17			0	1.	.3	0	00
	Al	18	20	202	20	21	23	23	20	34	34	36	36	39	4	40	58	65	89	18	84	89	06	91	92	46	98	86	66	00	88
	.*	m 0		1		.3	•	.3	0	0	0	0.		.3	•	. 7	0						0	.3			0			0	00
	AI	18	20		20	21	23	23	56	34	34	36	36	39	4	40	38	65	58	78	84	8	06	91	92	94	98	86	66		000
	5/16	8.0		0.7	1.	. 3	5.3	3.3	0.0	4.0	0	0.0		.3	. 3	1.	0.	.3	1.	1.1	1.1	. 3	0.0			1.	0	1.1			00
	AI	-	. ~	~	02	2	2	2	92	(1)	34	36	36	39	*	46	58	65	ō	78		80	06	6	92	56	0	98	1	10	100
	2	6.8		0.7	1.0	1.3	3.3	3.3	0.0	4.0	4.0	0.9			1.3	6.7	8.0	5.3	8.7	8.7	4.7	9.3	0.0	1.3	2.7	4.7	0.0	8.7			000
	٨١		2	2	2	2	2	~	2	è	~	~	-	39	*	4	5	9	9	-	84	80	6	6	6	ō	6	0		10	201
	*		0	0	0	1.3	3.	3.	9	4.0	4.0	0.9	0.0	6.3	:	6.0	8.0	5.3	8	8.	4.	6	0.0	1.	2.	4	3 . 6	8.7		•	0000
		50	7	7	7	3	3 2	3 5	2 0	9	9	143	-	3	2	4	0	3	9 /	1 1	2	3	60	3	6 1	6 1	0	6		-	0100
	AI AI	- 60		0	.0	11.	3.3	23.	0.0	0.4	0.4	0.9		6	-	-	8	3		8	*	6	0		2.	. 5	0	8	6		000
		m c	,	7	2	3	3	8	0	0	0	0	_	3	3 4	7 4	0	3	1	1	2	3	0	3	6	7	0	6		-	50
_	AI .	- α	0	20.	20.	21.	23.	23.	50.	34.	34.	36.	96.	39.	41.	. 9 .	58.	65.	68	8	. 48	89.	.06		92.	. 56	98.	98.	.66	.00	.00
MILES		m c		-	-	3	6	m	0	0				6	3	-	0	8	0	0	0		3	~	0	0	1	5	0	0	50
TUTE	VI 3.	1 8	20	20	20.	21.	23.	23	92	34.	34.	36.	36.	39.	4	46	58	65	88	78		88	89	90.	92	. 76	96	97.	86	98	98
(STA	178	m c		~	-	3		m	0	0	0	0	0		3		0	m	0	0	0	1	20		0	0		0	0	0	00
VISIBILITY (STATUTE MILES)	AI	18	20	20	20	21	23	23	50	34	34	36	36	39	15	40	Land Control	65	99	18	34	88	00	06	36	46	96	16	86		9 6
VISI	7	m c				9	.3	.3	0	0	0		0				0	·	0.	0	0	1.		1.	•	3	0		•	e .	m m
	ΑI		200	20	20	21	23	23	26	34	34	36	36	39	4	46	58	65	0.00	78	8	88	89	90	16	6	96	96	6	6	200
	21%	6.0	1	7.0	7.0	.3	3.3	3.3	0.9	0.4	0.4	0.9		6.3		6.7	8.0	5.3	•	6.0	0.	8.7	6.3	1.0	0.0	2.7	4.1	4.7	5.3	5.0	2 4
	ΛI		7	2	2	~	N	2	7	1	-	•	3	3	*	4	2	0	0	1	8	3		6	6	0	3	6	6	7	20
	ε Al	7.3		0.7	0.1	1.3	3.3	3.3	0.9	4.0	4.0	6.0		6.3	1.3	6.7	8.0	5.3		8.0	4.0	8.7	6.6	1.0	0.7	2.7	4.	4.7	4.7	4.7	
	,	m c		2	1 2	2	2	2	2	6	3	~	153	3	4 6	*	3 5	9	9	7	8	8	œ	6 0	6	6	0	6	6	6	00
	4	- 60	C		0		-	*	9.	4.	4.	0.0	0.0	6	-	6.0		. 4		7.	100	8		0.0	0.0	0	2.0	2.0		2.	200
		60	200	10	7	3	3 2	3	0	0	9	0	0	6	3	4	3 5	7 6	3 6	3	3 8	8	2	6	60	0	5	4	1	0	50
	AI	17.	20	50	20.	21.	23.	23.	50.	34.	34.	36.	36.	39.	41.	40.	57.	. 45	. 15	77.	13.	.8	88	.06	.06	.06	00	.06	.06	00	90.
	-						1						1		1		1								1				1	- 1	
	٨١	17.3	200	20.	20.	21.	23.	23.	55	34.	34.	36.	36.	39.	41.	46.	57.	64.	67.	77.	82.	87.	87	88	88	88	88	88	83	00	88
	_	m c	20	-	1	3	-	1	m	m	3	m		0	0	1	~	~	-								~	~	1	-	
	71	1 8	20	20.	50	21	25	22	52	33	33	5	35	38	0	*	55	19	63	71.	4	76.0	0	16	16	16	16.	16.	9	10.	9.0
0		+	+	_	+		0		-		-		-		-		-	_	-	_			-	_	-	-	0				••
CEILING	(FEET)	NO CEILING		1600		12000		900	1	700		2000	1	400	1	3000		2000		1500		9		8		8		400		200	8.
L		₽^	1	11 11	^	1 11	_^'	M	_^	1 11	_^	1 11	^	1 11	_^	1 11	^	1 11	٨١	٨١	٨	1 11	٨١	M	^	1 11	^	IAI	^1	^1	ALAI

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2.1 HOURS (1.5.7.) NON

1988

CEILING							VISIA	BILITY (STA	VISIBILITY (STATUTE MILES)	S)						
(FEET)	5 71	۰ ۸۱	۱۷ د	<b>A</b> I	e VI	≥ 2%	7 7	۲۱ کا ۱۳	۷۱ ۲۷	- AI	ية VI	a≢ Al	VI Z	≥ 5/16	M Al	٨١
NO CEILING	18.	18	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
> 20000	18.	18.	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	
		20.	20.7	20.7	20.7	20.7		20.7	20.7	20.7	20.7		20.7	20.7	20.7	
14000		20.	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
		50.	20.7	20.7	20.7	7007	20.7	20.7		20.7	20.7	20.7	20.7	20.7	20.7	20.7
17000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
1		21.	21.3	21.3	21.3	51.3	21.3	21.3	21.3	21.3	21.3			21.3	21.3	21.3
000		22.	22.7	22.7	22.7	22.7	22.7	22.7	22.7		22.7	22.7	22.7	22.7	22.7	22.7
1		28.	28.0	28.0	28.0	0.82	28.0			28.0	28.0			28.0	28.0	
700		30.	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
		30	30.7	30.7	30.7	30.1	30.7	0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
2000		33.	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33,3	33.3	
1		34.	34.0	34.0	34.0	34.0	34.0	34.0			34.0			34.0	34.0	34.0
1 1		.04	40.7	40.7	40.1	40.7	40.7		40.7	40.7		40.1	40.7	40.7	40.7	40.7
		40.	46.0	0.04	46.0		0.94	0.04	0.95		0.05	0	0	9	0.04	46.0
300		50.	50.0	50.0	50.0		50.0	0	20.0	20.0	20.0	0	50.0	20.0	20.0	20.0
1		00	0.09	0.00	0.09	0		0.09			0.09				0.09	
7000		65	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3		•	65.3	65.3
		070	67.3	0.80	0.89	•	0.89	0.89	0.89	68.0	0.89	0.89	0.89	0.89	0.89	0.89
1500		72.	72.0	72.7	72.7	73.3		73.3	73.3		73.3	13.3	73,3	73.3	73.3	73.3
		76.	77.3	78.0	78.0	18.7	78.7	78.7	78.7	78.7	78.7			78.7		
90		200	84.0	85.3	85.3	86.0		86.0	86.0	86.0	96.0	86.0	86.0	86.0	86.0	86.0
		83	85.3	86.7	86.7	87.3	87.3	87.3	87.3							87.3
8	•	84.	36.7	83.	88.7	89.3	86.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
		86.	88.0	6	1.06	61.3	6.16	91.3	91.3	91.3	61.3	91.3	61.3	91.3	91.3	91.3
9	72.0	00	89.3	40.4	95.0	92.7	93.3	63.3	63.3	63.3	63.3	63.3	63.3	93.3	93.3	63.3
		87	89.3		63.3	0.46	6.56	65.3	95.3	95.3				95.3		95.3
8	•	87.	89.3	95.0	0.46	24.7	6.16	0.86	0.86	98.7	7.86	98.7	1.86	98.7	48.7	48.7
		87.	89.3	95.0	0.46	1.46	6.16	0.86	0.86	98.7	1.86		1.86	98.7		
38	•	87.	89.3	95.0	0.56	24.7	97.3	0.86	0.86	7.86	186	48.7	18.1	98.7	1.86	98.7
	~	87	89.3	N		1. 46	61.3	•				1.86	99.3	86.3		0.00
١٨١		87.	89.3	0.26	0.46	1.56	97.3	0.86	0.86	98.7	1.86	28.1	66.3	66.3	66.31	0.00

1

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SOLUN TENER

ALL HOURS (LST)

200

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
(FEET)	5	9	\$ 41	<b>AI</b>	8	2 2%	7 7	VI 47.	¥ 1	- AI	at Al	æ ∧1	N N	≥ 5/16	AI .	٨١
NO CEILING	18				8			18.8	8	18.8		18.8	0	18.8		18.8
> 20000	18.		-	19.5	19.5	19.5	19.5	19.5	6	19.5	19.5	19.5	19.5	19.5	19.5	19.5
	20.3		-	•	-	•	-	-:	-	21.0	•	21.0	-	-	21.0	21.0
2 16000	20.9	-	:	21.6	-	21.6	31.6	21.0	-	21.6	-	21.6	:	21.6	21.6	21.6
	50.9		:	-	-	21.6	:		-	-	21.6	21.6	-		21.6	21.6
> 12000	21.1		21.8		21.8		21.8	-	21.8	21.8	:	-	-	-	:	21.8
	21.7	-	-		5	22.4	5		2		2.		7	22.4	2.	
000	25.5	-	:		5.			5.	2.	2.	2.		3	2.	5.	22.9
	25.2			26.0	0	26.0	9	9	0		.0		9		9	26.0
141	28.9	-		29.8		29.8	6		6	59.8	29.8	6	29.8	6	29.8	
	59.4		30.4	30.4	0		0		0		0		0	30.4	0	30.4
2000	30.8	-	-	31.8		31.3		-	:	-	:	-	-	-	-	31.8
	34.3	-	-	32.3	2.		2.	32.3	2.	2.	2.	32.3	3		2	32,3
0007	35.3		37.3		37.3		-		-	37.3	-	37.3	1.			
1	36.0		40.4	40.4	0	0	0	0	0		0	40.5	0		0	40.5
3000	42.2			45.4	3		5	45.5	3		3		3	5	42.0	45.6
1	50.5		:	54.5				*			4	54.7	*	4		54.7
1 2000	56.5	63.0	63.0	63.0			3	63.1			63.2	3	63.5	63.2	63.2	63.2
	57.5		:	0.50	65.1	65.1	5		5	65.3	65.3					65.3
> 1500	63.8	-	74.2	74.3	;	74.5	*			;			*	*	74.7	74.7
	65.8		•			79.0	19.1	19.1		6	26.3	0	0	6	79.3	79.3
0001 1	61.9	-	:	84.8	*	85.0	3		2	5	2		65.5	2	2	85.5
	68.0		84.9	4	3	65.0	. 9		86.2			4.00		0	4.08	86.4
8 AI	68.3		80.4	87.1	87.7	87.8	:		8	8					88.3	88.3
	68.3		-	87.9	88.8	688	7.68	89.4	6	89.8	86.8		89.8		89.8	89.8
99	68.4		87.8	88.7	.6	6.68	80.3		90.5	0	8.06	8.06	0	8.06	90.8	90.8
	68.5		88.9	40.06	95.4	95.6		93.8	3.		9.46		•	. 4	8 . 46	94.8
94	68.5		89.4	91.3	3	43.4	•	45.4	5.	8.96	9	0.16		97.2	97.2	97.2
	68.5		89.4	91.5	93.5	93.8	-	6.96	•	Sant C	8	00			98.6	98.6
30	68.5	-	89.4	91.5	93.5	93.8	95.3	99.4	9	98.1	68.5	48.7		1.66	66.3	88.3
	68.5		4.68	91.5	93.5	93.8	95.3	4.96	0	98.1	6.86	186		86.3	1.66	8.66
١٨١	68.5		89.4	91.5	63.5	93.8	95.3	4.96	90.96	98.1	8.	1.86	99.2	66.3	8.66	00.0

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 JUL HONTH

E STATE

7.4 31.0 32.3 32.3 32.3 1.95 43.9 75.5 50.3 56.8 71.0 91.0 18.7 56.1 18.7 18.7 11 016 1096 50.3 17.4 19.4 24.5 31.0 65.8 11.0 75.5 83.9 32.3 43.9 50.8 9.9/ 32.3 36.1 18.7 32.3 38.7 56.1 18.7 80.7 ۸۱ 56.8 43.9 54.5 32.3 6006 19.4 50.3 11.0 74.8 17.4 1601 83.2 31.0 32.3 32.3 56.1 18.7 65.8 90.0 95.5 36.1 38.7 87.1 18.7 50.3 24.8 80.0 65.8 1.0 19.4 23.9 24.5 31.0 32.3 36.1 43.9 56.8 1.91 87.1 83.2 18. 32.3 32.3 56.1 95.5 90.3 18.7 18.7 18.7 38.7 AI 31.6 74.2 19.4 86.5 18.7 30.3 31.6 55.5 65.2 94.8 18.1 31.6 35.5 10.3 18.1 38.1 75.5 43.2 56.1 49. 89. 30.3 31.0 1.64 55.5 23.9 31.6 31.6 75.5 62.5 38.1 6.0 19.4 82.6 8.96 96.8 18.1 43.2 56.1 74.2 8.1 3 35.5 86.5 90.96 18.1 18.7 65.2 89.7 ٨١ 19.4 43.2 23.9 31.6 31.6 49.7 31.6 35.5 38.1 86.5 92.9 92.9 94.8 18.1 18.7 30.3 55.5 55.5 65.2 70.3 74.2 75.5 82.6 96.1 18.1 56.1 ٨١ VISIBILITY (STATUTE MILES) 31.6 31.6 82.6 86.5 31.6 43.2 56.1 19.4 79.4 92.9 2.46 18.1 38.1 34.2 16.8 65.2 10.3 18.1 23.9 74.2 75.5 0.68 18.1 18.1 30.3 35.5 49.7 VI 71 55.5 43.2 53.9 35.5 89.0 65.6 31.6 31.6 31.6 31.6 82.6 80.5 2.46 18.7 38.1 1.64 20.1 65.2 75.5 2.46 30.3 30.3 70.3 74.5 . VI 75 85.3 31.0 38.1 86.5 89.0 93.6 93.6 53.9 56.1 70.3 79.4 81.9 82.6 31.6 31.6 35.5 43.2 49.7 18.1 65.2 18.1 55.5 74.8 75.5 16.1 18.1 73.6 74.2 16.8 18.1 16.7 ۲ ۸۱ 30.3 31.6 35.5 43.2 10.3 90.3 55.5 91.6 20 18.1 85.2 56.1 65.2 78.7 10.8 18.1 38.1 87.1 18.1 18.7 31.6 35.5 30.3 31.6 55.5 70.3 010 31.0 81.9 23.9 43.2 73.6 85.2 91.6 16.8 18.1 18.1 18.1 38.1 56.1 65.2 74.8 18.7 77.4 78.7 37. 16.1 18.1 49.7 90.3 19.1 1.64 55.5 0.3 83.9 0.68 8.1 31.6 14.8 18.1 18.7 30.3 31.6 31.6 35.5 73.6 85.8 80.7 87.7 3.1 8 38.1 43.2 65.2 Al 18.1 31.6 83.2 31.6 38.1 43.2 1.64 18.1 18.1 30.3 31.0 35.5 64.5 72.9 74.2 83.9 43.9 83.9 18.1 76.1 95.6 83.2 18.7 53.9 56.1 4.61 55.5 83.2 69.1 11 31.0 1.4 4.84 7.4 41.9 0.69 18.1 71.6 7.4 17.4 29.7 31.0 31.0 34.8 24.8 54.2 63.9 70.3 8.4/ 1.87 78.1 78.7 35.5 37.4 2.45 0.64 78.1 67.1 78.7 78.7 11 0.62 32.9 29.0 57.4 17.4 56.8 57.4 57.4 21.9 0.04 6.44 16.8 15.5 16.8 16.8 10.8 1.64 58.1 58.1 58.1 58.1 58.1 58.1 58.1 58.1 2 NO CEILING > 20000 VI VI 00081 00081 12000 4500 2000 80 (FEET) 000 000 000 88 88 2000 9000 3000 1800 1000 88 88 AI AI

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14 14

14 14

TOTAL NUMBER OF OBSERVATIONS

155

1

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

ICELAND KEFLAVIK

16201

73-77

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS IL S T J. THOM 03

¥

39.4 18.1 21.9 25.2 26.5 27.1 31.0 32.9 53.6 85.2 47.1 67.7 75.5 27.7 56.1 78.1 80.0 80.0 99.4100.0 18.1 53.6 39.4 93.6 31.0 27.1 1.8/ 18.1 51.9 26.5 27.7 47.1 56.1 70.3 75.5 82.6 85.2 90.3 18.1 18.1 18.1 25.2 32.9 67.7 17.4 25.8 32.3 17.4 21.3 55.5 17.4 81.9 67.1 17.4 26.5 46.5 55.9 74.8 65.6 94.8 24.5 27.1 30.3 79.4 84.5 14.2 38.7 69.7 89.7 17.4 21.3 8.46 4.11 8.06 17.4 4.11 17.4 17.4 54.5 25.8 25.8 55.9 55.5 4.64 81.9 95.9 4.16 46.5 67.1 74.8 4.1 26.5 32.3 84.5 30.3 38.7 27.1 89.7 69.7 ٨١ 74.8 17.4 26.5 89.7 17.4 67.1 32.3 81.9 6.26 17.4 17.4 21.3 46.5 55.5 55.5 55.5 55.5 4.1 84.5 96.8 14.2 4.1 52.9 69.7 24.5 27.1 30.3 38.7 4.61 8.76 AI 25.8 25.8 21.3 17.4 17.4 65.6 30.3 17.4 52.9 67.1 81.9 84.5 4.16 17.4 17.4 26.5 26.5 27.1 32.3 32.3 32.3 46.5 74.8 74.8 77.4 19.4 89.0 89.7 38.7 69.7 ٨١ 17.4 17.4 52.9 81.9 30.3 77.4 95.9 93.6 21.3 21.3 4.64 84.5 38.7 67.1 69.7 17.4 17.4 17.4 17.4 17.4 17.4 17.4 17.4 17.4 27.1 46.5 46.5 92.3 96.1 17.4 17.4 ۸۱ VISIBILITY (STATUTE MILES) 4.77 84.5 25.8 94.8 61.9 30.3 24.5 24.5 4.61 27.1 74.8 17.4 17.4 52.9 26.5 26.5 67.1 67.1 2.69 38.7 38.7 19.4 74.8 77.4 17.4 17.4 17.4 46.5 84.5 91.6 17.4 25.8 55.9 55.5 55.5 81.9 89.0 8.46 27.1 30.3 8.46 8 . 46 17.4 17.4 21.3 21.3 32.3 32.3 69.7 71 61.9 46.5 84.5 0.68 25.8 30.3 38.7 91.6 74.8 10.4 17.4 55.0 7.69 77.4 8 . 56 27.1 8 . 96 24.5 67.1 ۲۸ ۱۸ 54.5 17.4 52.9 67.1 74.8 77.4 4.61 25.8 26.5 46.5 55.5 81.9 84.5 88.4 89.7 91.0 91.0 17.4 104 30.3 7.4 17.4 17.4 21.3 27.1 32.3 38.7 66 ٨I 67.1 17.4 21.3 25.8 77.4 4.64 17.4 55.5 74.8 26.5 30.3 38.7 91.0 17.4 24.5 27.1 46.5 52.9 81.9 84.5 14.2 32.3 1.68 69.7 ۸I 25.8 25.8 25.8 25.8 25.8 26.5 26.5 26.5 27.1 54.8 55.5 46.5 87.7 0.68 0.68 74.8 76.8 83.2 17.4 7.4 23.9 24.5 29.7 29.7 30.3 31.6 31.6 32.3 52.3 52.9 78.7 83.2 88.4 20.7 21.3 81.3 38.1 38.1 38.7 69.7 81.9 87.1 ۸۱ 72.9 14.8 82.6 80.0 45.8 76.8 78.7 16.8 16.8 83.2 16.8 16.8 16.8 16.8 14.2 ۱۸ د 23.9 45.2 70.3 16.8 16.8 16.8 51.6 24.5 65.2 72.3 74.2 19.4 67.1 76.1 74.8 20.7 15.5 23.5 34.8 45.8 54.5 54.8 57.4 15.5 29.0 47.1 15.5 15.5 19.4 27.1 57.4 21.9 54.5 15.5 40.7 56.1 56.1 56.8 9099 58.1 58.1 58.1 58.1 58.1 NO CEILING VI VI 00091 00091 80 (FEET) × 20000 12000 2000 4500 3500 2500 1200 88 88 88 800 7000 000 500 88 AI AI AI AI 11 11 AI AI ALAI AI AI AI AI ALAI ALAI AI AI ALAI ALA

TOTAL NUMBER OF OBSERVATIONS

155

1

**CEILING VERSUS VISIBILITY** NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 HOURS (1.5.7.) JUL

1981

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
(FEET)	2	٥ ٨١	\$ 11	4	N AI	≥ 2%	2 4	¥1 ¥	7	-	AI	*	Z.	≥ 5/16	AI	٨١
NO CEILING		11.6		11.6				11.5		11.6				11.6	11.6	11.6
≥ 20000		13.6		13.6	13.6	13.6	13.6		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
		15.5				15.5								15.5		
00091 3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5		15.5		15.5	15.5	15.5
		16.1	16.1	16.1	16.1			1001	16.1						1601	16.1
12000	15.5	16.1	16.1	16.1	16.1		16.1		•	16.1	16.1		10.1	. 9		16.1
	10.1	16.	10.8	•		0		10.6	16.8	C		0	10.8	16.8		16.8
0006	16.1	16.	16.8						•			•		9		16.8
	18.7	19.	19.4	19.4		0	6	6	6	6	6	6		6	6	
141	21.3	23.	23.5		23.5	23.2		3		•	3	3		6	23.2	23.5
1	21.9	23.	23.9			33	3.		3			3.	3	3	3	m
2000	22.6	24.	24.5			24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5			24.5
	23.2	25.	25.2	25.2	5	0	5	5	5	5	5	5	2	2	5	
141	25.5	28.	28.4		28.4		•			8	•	8	28.4	00	28.4	
1	30.3	34.	34.2			*	4	*	4.	. 5	*	*	*		*	34.2
3000	35.5	39	39.4		39.4		39.4		6	39.4	39.4	39.4	39.4	6	39.4	
	43.2	47.	47.7			-	-					:			47.7	41.1
1 7 2000	50.3	58.	58.7	58.7			00	30	58.7	00	58.7		58.7	59.4	59.4	59.4
	51.6	50	0.00	0.00	0.09	0.00			0.09	0	0.09		0	.0	0	1.09
1500	57.4	67.	0.69	69.7	6	6	6				6	6			0	70.3
	58.7	10	11.6	72.3	72.9	12.9				73.6	13.6		13.6	4	4	74.2
1000		74.8	76.1	77.4	78.7			4.61	19.4	10.4	4.64	6		.0	0	
		74.8	76.1	77.4		18.	78.7		0	0		6	0	60.0	80.0	80.0
08 AI			76.8	- · · · ·	19.4		6	80.0	•	•	80.0	80.0			80.7	
		0	17.4		80.7		60.7	81.3	81.3	•	81.3	81.3	81.3	81.9	81.9	81.9
9		16.8		79.4	81.3		81.3		82.6	5	85.6	N	95.0			83.2
		78.1		33.5	85.8		16)	87.1	87.7	87.7	87.7	87.7	87.7		4.88	
1 400	61.3	78.1	80.7		87.1	87.1	87.1	89.7	80.3		0.16	91.0	91.0	91.6	91.6	91.6
		78.1		84.5	87.1	87.1	87.1	89.7	91.0	92.3		34.5	2.46		62.5	62.5
38		18.1		84.5	87.1	87.1	87.1	91.0	92.3	84.5	1.96	1 .96	8.06	97.4	98.1	98.1
-		78.1	80.7	84.5	87.1	87.1	87.1	91.0	92.3	34.5	1.96	1.96	8.96	4.16	1.86	18.4
٥	-	78.1	80.7	84.5	87.1	87.1	87.1	0.16	95.3	2.56	1.96	1 96	90.8	97.4	98.11	0.00

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

**CEILING VERSUS VISIBILITY** 

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	2	9 Al	\$ 21	<b>AI</b>	N 3	≥ 21/5	7	¥1 ¥	¥1 ¥	- AI	≱ ∧I	a≢ ∧I	VI Z	≥ 5/16	7	٨١
NO CEILING	5	5	5	15.5		15.5		15.5				15.5		15.5		15.
≥ 20000	10.8	16.8		16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	10
	-		-	17.4		17.4		17.4	•	•	•	17.4		17.4	17.4	-
2 16000		-	-	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	-	17.4	17.4	17.4	17
			-				•						17.4		•	
2 12000	1.8.1	18.1	8	18.1	18.1	18.1	18.1	18.1	18.1	•	•		18.1	18.1	18.1	
	00	8	œ	00	8	00		00		8	18.1			8	18.1	18.
000	16.7	*		18.7	18.7	18.7	18.7		18.7					8		
	2	2.	2	2.	2	2.	2.		2	2.	2.		2	2.	2.	
7000	;	;	*	*	4		4				;			*		
	5	3	5	5	5	5	5	5	5	5	2		2	2	2	
200	26.5	26.5		26.5	26.5		9	26.5		9			26.5	9		
			-		-		2	1.	-	-	-		-		-	-
141	0	0	6		9		6	6	6	6			5	6	6	
1	2	2	2	2.	3	2	2.	2.	2.	2.	3		2.	2	2.	2
3000	8	0	0	0	0	0	0	0	0	0	0		0	0	0	
		3	5	45.8		3	3	5		5	5		5	5	2	
7000		2	3	4	4	*	;	;	;		+		*		*	4
	.0	3	*	55.5			3	5		5	5		5	5		
1200	-	61.3	2.		3	3	63.2	63.2		63.2	63.2			3	m	63.
		111	4		5	100	5	5	5	5	5		5.	5	5	
141	-	69.7	71.0	72.3	72.9		72.9	72.9	2	2		72.9			72.9	
	:	2.69	:	12.9		3		;		*	3			*		
80	3	2	;	76.8		-	*				8		8	8		78.
	N	*		0	0	0	:	2	3	33	3.			3.	3	83.
8	2	74.8	2	80.0	80.7	0	81.9	82.0	2					3	83.2	83.
	N	76.8	6	82.6			in	0		2	-				87.7	87.
1 1	-	8	81.9	86.5	88.4	00		91.0	91.0		65.3	92.3	92.3	92.3		92.
	3.	19.4	3	67.7	6006		-		ic.	.0	90.96		96.8	0	96.8	
8		4.61	82.0	87.7	600	90.3	91.6	2.46		8.96	98.1	98.1	98.1	98.1	1.86	66
8	3	19.4	5	87.7	60.3	80.0		2.46	95.5	8.96	1.86	98.1	98.1	98.1	98.1	66
				-												

TOTAL NUMBER OF OBSERVATIONS

4

1

## **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

YEARS

12 JUL

	۸۱ م	-	0 20 0	0.0	.3 21.3	.9 23.9	.0 29.0		3 41.3		.8 56.8	0	w &	200	8 96 8	010	0100.0
	2 5/16 2	15.5 15	20.0 20	0.0			29.0 29	32.3 32	34.8 34	0 8	8 20	0.0	3.9	200		97.4 98	99.4100
	AI Z	4 17.4	00	22	-:		00		; :	. 4	0 00		- (7)				7.66
	* AI	5 15.	20.	00	21.	nn	0 29.0	3 32.3	W 4	4 10	5 65.2			89.0	8 96 8	4 99.4	4 99.4
	VI	5 15	0 20.	-	3 21. 9 21.	.9 23. .7 27.	0 29.		3 41.	-						4 99.	. 4 99.
E MILES)	AI	5.5 15	0.0 20	000	2 2	22	29	3 2		0.00	0 0	0 80	w w	200	4.8 96	5.5 96	0.1 97
VISIBILITY (STATUTE MILES)	¥1 ¥1	7.4	0.0	0.0	1.9 2	3.9 2	9.0 2	2.3 3	1.3 41	0 8	5.2 6	0.0	3.9	200		5.5 96	5.5 96
VISIBI	1 A 3	15.5	20.02	000	1.9	1	28.4 2	6 2		54.8 5	2.	0 0	3.5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	92.3	92.3	92.9
	2 2%		20.	20.	22	NN	NN	32.3	41.	54.8	001		83.2	2000	92.3	92.3	92.3
	۸۱	4 17.4	0 20.0	20.	21.		0 29.0	3 32.3	3 41.3		2 65.2	20	6 83.2		7 92.3	7 92.3	7 92.3
	٨١	5 15	20	20.	9 21.	7 27.	0 29.	3 32.	.3 41.	8 54	.8 56 .2 65		9 82	000	2 0 0	5 89.	5 89
	8 1								4 1		56.1 56			1			
	5 1	00 00	3 3		- 0	0 co	0 0	-1	2	75	0 +	00	9		9 10	3	m m
CEILING	(FEET)	NO CEILING	00091	14000	0000	3000	9000	4500	3000	2500	1800	1200	000		8 8	300	80

TOTAL NUMBER OF OBSERVATIONS

155

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

YEARS

15

		Y 5/1	18	22.	23.
		N 2 2 8/1	18.1	22.6	23.9
		* 1	18.1	22.6	23.9
		AI	18.1	22.6	23.9
RENCE	ŝ	-	18.1	22.6	23.9
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	VISIBILITY (STATUTE MILES)		18.1	3.2 23.9 23.9 23.9 23.9 23.9 23.9 23.9 2	23.9
SERVA	SILITY (STA	2 2 41 2 2 14	18.1	22.6	23.9
VENCY 14 OB	VISIN	7 1	18.1	22.6	23.9
FREG			18.1	22.6	23.9
TAGE		2 3 2 2 %	18.1	22.6	23.9
ERCEN		1	18.1	23.9	53.0
•		87	18.1	22.6	23.9
		9 11 01 4	18.1	23.9	23.9
		2	44	3.5	3.2

NO CEILING																
CEILING	5	۰ ۸۱	\$	<b>AI</b>	N AI	2 2%	7	¥1 ¥1		- AI	۸I	<b>∦</b> ∧I	2 Al	01/01	AI	٨١
20000		18.1		œ	8	93	8	8	8	80	00		20	00	8	-
		20.0			0	•	20.0	•	0	•	0	ċ	0	0	0	~
		22.6		2.	2.	2.	2.	2.	2.	2	2	2.		2.		-
2 16000		53.9			3.	23.9		3		=		3.		3	3	~
		23.9		*	3			3.	3		3	3	5		m	
12000		53.9		23.9	23.9		53.9	•	53.9		3	3.		23.9	3	~
1 -		23.9		3.	3		3	3.			3	3.	3	3.	5	~
000		24.5		*	*	54.5	*		*	*		*		4		~
		28.4		0		90	90	8	*	00	00		30	00		~
7000		32.3		32.3	2.				~	2	2	2.	2	2.	3	m
1		32.9		2	5.	2	2.	7	2	2.	2	2.	?	2.	2.	3
2000		32.9		33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	
		33.6		. 4	4.		*			4	*	*		4	*	en
4000		35.5			9	0	.0	•	0		0		0	0	9	m
3500		36.8		-	-		-	1.	-				-	-		~
3000		40.7			3	2	2.		45.6	è	2	2		2	3	42
1		46.5		00	03	8	100	8		8	œ	8		8	00	4
2000		58.7			0	•	ò				0	0	0	0	0	•
1800		30.4		-	-	-	-	-:	-	-	-	-	-	-	-	19
1500		71.0				2	72.9	2	72.9	5		2.		5		72
1200		74.2				· ç	0		0		0	.9	0	0	9	76
1000		80.0					3			=	3	3	*	3	3	3
900		80.7			. 4	5	3	5	2	5	5	3	3	3		3
800	69.7	81.9		85.8	86.5	87.1	87.1		87.7	7.			7.	87.7	87.7	
200		83.2				g.			-	-	-	-	91.0	-	-	
909		83.0			0		-		2	92.3	2	3	92.3		92.3	
200		83.9	87.7	89.7	-	-	-	2		0	2.	2.		92.9		92.
8	9			0.16	2	6.75			*	95.5		5	95.5		95.5	
				91.6	2		4	5	3	-		:	1		97.4	
300	69.7	84.5	39.0	91.6	6.26	93.6	94.6	8.96	8.96	4.66	4.66	-	4.66	6	4.66	66
-			89.0		2		*	9				6	4	100.0	100.0	01
٥	5		0.68	91.6	5		*		0	6	0		*	00	0	2

TOTAL NUMBER OF OBSERVATIONS

155

i

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

ICELAND KEFLAVIK

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS (L S T 100 18

1

31.0 32.9 21.3 85.2 0.0010.0010.66 20.7 66.5 31.0 85.2 57.4 13.6 79.4 93.6 21.3 31.6 32.3 32.9 35.5 43.2 48.4 57.4 60.99 88.4 90.3 16.8 18.7 78.1 18.7 18.7 27.7 34.2 20.1 57.4 85.2 31.0 4.61 57.4 93.6 31.6 48.4 13.6 32.3 32.9 60.99 78.1 88.4 18.7 21.3 27.7 34.2 35.5 43.2 90.3 96.8 16.8 18.7 18.7 20.7 85.2 31.0 32.9 57.4 93.6 8.96 34.5 43.2 78.1 6006 18.7 31.6 32.3 35.5 48.4 66.5 3.0 88.4 16.8 18.7 21.3 20.1 7.86 18.7 18.7 27.7 27.7 35.5 43.2 57.4 32,3 57.4 78.1 88.4 8003 31.6 48.4 13.6 21.3 31.0 34.2 4.61 93.6 18.7 32.9 66.5 85.2 8.96 7.86 16.8 18.7 18.7 20.7 31.0 85.2 6.06 21.3 32.3 35.5 93.0 16.8 18.7 31.6 57.4 57.4 73.0 78.1 4.61 88.4 34.2 48.4 27.7 32.9 43.2 66.5 96.8 98.7 20.7 . 86 ۸۱ 43.2 57.4 27.7 27.7 27.7 31.0 31.0 31.6 32.9 35.5 35.5 20.7 48.4 19.4 21.3 21.3 32.3 32.3 60.5 13.6 73.6 92.3 93.6 18.7 34.2 57.4 78.1 78.1 88.4 85.2 90.3 96.8 VISIBILITY (STATUTE MILES) 4.84 4.61 85.2 31.6 57.4 66.5 4.88 18.7 57.4 35.9 8.96 20.7 34.2 16.8 43.2 7.68 57.4 35.5 57.4 31.6 21.3 31.0 60.99 13.6 85.2 48.4 18.7 34.2 43.2 38.4 89.7 6.36 6.8 32.3 35.9 62.5 96.9 8.96 8.96 78.1 20.7 31.0 95.5 31.6 35.5 13.6 18.7 32.9 48.4 57.4 78.1 10.01 21.3 32.3 34.2 57.4 85.2 98.4 89.7 91.0 34.5 94.8 20.7 95.5 27.7 27.7 5000 43.2 0.68 31.0 31.6 57.4 57.4 94.9 16.8 18.7 21.3 32.3 32.9 34.2 48.4 3.0 20.3 93.6 2.46 8.46 8.46 18.7 35.5 43.5 73.1 84.5 18.7 66.5 27.7 8. 18 -07 87.7 27.7 31.0 32.3 78.1 0.68 35.5 57.4 13.6 31.6 32.9 34.2 48.4 6.8 21.3 43.2 57.4 6.06 6.26 18.7 66.5 84.5 34.5 2.46 78.7 18.7 31.0 57.4 66.3 91.6 31.6 57.4 88.4 91.0 91.6 32.3 35.5 73.6 16.8 21.3 32.9 34.2 34.2 43.2 43.2 48.4 82.6 83.9 85.8 87.1 18.7 18.7 18.7 77.4 78.1 18.7 20.7 78.7 27.7 27.7 27.7 ٨١ 57.4 32.3 57.4 31.0 31.6 32.9 33.6 35.5 35.5 48.4 66.5 13.6 77.4 87.1 16.8 21.3 86.5 88.4 18.7 18.7 20.7 11 31.0 32.3 18.1 18.7 31.6 34.2 74.8 21.3 43.2 11.6 14.8 95.0 18.7 32.9 65.2 16.8 56.1 56.1 80.0 47.7 20.7 ٨١ 18.1 59.4 20.0 29.7 30.3 32.3 51.6 65.8 67.1 0.69 18.1 0.69 0.69 50.92 30.3 44.5 21.6 65.8 63.2 4.89 0.69 31.0 1001 40.1 20.7 NO CEILING Y 1 4000 VI VI 00091 00091 (FEET) > 20000 000 000 2000 2000 4500 3000 2500 500 1200 88 88 300 80 88 AI AI AI AI ALAI ALAI 11 11 AI AI AI AI ALAI ALAI MIM ALAI AI AI AI AI

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

LZE95-0E181

1

3222

#### **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 JUL MONTH

-		4	~	3	3	3	m	3	9	2	9	0	9	œ	4	0	0	9	3	0	0	9	-	-	_	2	-	9	60	1	1	1	0
	٨١			21.			21.	:	2.	2	:	2.	3	*	39.	-	6	3	:	3		3	8			84.	87.	91.		98.	. 96		00
	AI	4	2.4	1.3		3	1.3	1.3		5.2	1.0	5.9	3.6	2.4	4.	6.	0.6	9.	1.3	3.9	0	3.6	8.1	8.1	1.0	4.5	7.	9•1	8 . 4	1.86	8.7	2.86	9.41
	≥ 5/16			-	-	-	-	-	5	5	-	2.	3.	4	6	-	6	3.	:	3	71.0	3	00	8	.0	*		-	. 4	8	•	98.7	8
	Z Al		0	21.3	-	-	:		2		-		6		0.		6		-	3	71.0		æ	200		84.5		-	;	98.1		186	
	<b>≉</b> ∧I	17.4	18.7	=	:	-	21.3	-	2	5	-	3	3		6	-	6	3	-	3	71.0	3.	8	00		3	87.1	-	8. 46		98.7	48.1	8
	۸I		18.7	-	-	-	21.3	-	•		:		3	*			6		:	3	71.0		8	8	0	84.5	-		*		98.7	•	
ES)	- -		•	-	-	-	-	-	2.	5	-	3	3	4	6	-	6	3	-	3.	71.0	3		8	.0	*		-	*	÷	98.7		8
VISIBILITY (STATUTE MILES)	¥1		•	:	-:	-	21.3	-			-	2				-	0		-	3	71.0	3	8	00	0	•		•				1.96	9
IBILITY (ST	VI 74	-	18.7	-:	-	-:	-	-:	2	5	31.6	2.	3	*	6	-:	6	3.	-	3.	71.0	3	8	8	0	*		:	3		•	1 . 96	0
VIS	N N		8		-	:	21.3	-		5	-	2.		. 4		-	6			3	71.0		8	8.			.9	0				8.56	4
	≥ 2%	-	8	-	21.3	-	-	-	2.	•	-	2		*	0	-	•	100		(0)	71.0	1	8	00		. 5	30	·		-		91.6	-
	٨١	1	18.7	-	:		21.3	-		2	-	3	3	*		-	6	3.		3.	71.0		8		0	100	*	87.1	89.0	6006		90.3	
	4	0		0		0	0	0	-		31.0	2	2	4		-	00	2.	0		70.3	~	4	7.		0		4	103	.0	. 9	86.5	0
	S) Al	0	3	0	0	ò		0	:	4	-	3	2	*	8	:	-	2.	0	5		:	9		7.		0		3	2.	82.6	· v	2
	٥ ٨١	9	8	0	0	0	.0	0	:	4.	:	2	2.	*	*	-	-	2.	0	-	8	-	2	2		5		-		00	78.7	00	00
	5	0	-	0	0	0	0	0	:	3		0	-	2	9	00	;	6	5	-	61.9	3	3	3		5.							9

1800

AI AI

1200

ALAI

TOTAL NUMBER OF OBSERVATIONS

155

0.0

SOWS DIRNAVOCEANMET

80

ALAI

88

AI AI

88

AI AI

88

AI AI

88

AI AI

12E95 9E191

NO CEILING

≥ 20000

(FEET)

VI VI 00061 00061

8000 7000

2000

ALAI

4500 4000

AI AI

3000

AI AI

2000

AI AI

3

YEARS

1001

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1.5.T.) JUL

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2	9 11	\$ 1	7	N 31	≥ 2%	2 7	VI E	71 1	-	۸I	# ∧I	7	≥ 5/16	AI	٨١
NO CEILING			15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.7	15.7
> 20000				16.7	16.8	16.8	16.8	16.8	16.8	16.8	10.8	16.8	16.9	16.9	16.9	16.9
				100	18.9	18.9	18.9	18.9	6.8	18.9	18.9	18.9		19.0	19.0	19.0
2 16000				0.61	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.2	19.2
	18.2		1	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	1.61		19.2	19.3	19.3
2 12000	18.3			19.1	19.5	19.5	19.5	19.2	19.2	19.2	19.5	19.2	19.3	19.3		19.4
	18.00	1	1	19.6	19.1	16.1	19.7	19.7	6	19.7	6	6		19.8	6	19.8
0006	19.4			20.2	20.5	20.2	20.5	20.5	0	20.5	20.5	20.5		20.3	20.4	20.4
	22.7		1	54.0	*				*		4	*				24.2
1 7 1000	50.4			28.1	28.5	28.2	28.5	28.2	28.2	28.2	28.5		28.2	28.2		28.3
1	27.2	1	1	59.0	29.1	1.67		29.1	6		1.62	1.67		29.2	6	
2000	27.6			29.6		20.1	29.7	29.7	•	29.7	29.7			•	29.8	29.8
	2007		1	30.2	30.3	30.3	30.3			Code o			0	0		
1 1	31.0			33.2	33.5	33.2	33.2	33.5			33.2	33.2		33.3	33.4	33.4
1	33.3	1		35.6	35.9	35.9		35.9	5	35.9	2	35.9		36.0	30.1	36.1
3000	38.9			42.2	42.3	42.3	42.3	42.3	42.3	42.3	45.3	45.3	42.3	42.3	45.4	45.4
	44.2	1		48.0	43.6		48.6			48.6		48.6		48.7	40.0	48.6
1 2000	50.6	55.7		56.9	80.9	56.9	1000		50.9		•	56.3	1	57.1	57.2	57.2
	51.7		1	58.2	58.3	58.3	58.3	58.3	58.3		58.3	58.3		58.5	58.0	58.6
1500	58.3			67.5	67.6	67.6	9.19	01.0	9.19	67.6	67.6	9.19	-	67.7		67.8
	9.09			711.1		11.9	71.9	71.9		71.9		71.9	7	72.1		72.2
1000	62.8		76.	77.0		17.4	77.5		17.6	•	•	77.6		7.77	4.17	77.9
	62.8			77.8	78.3		78.6			00	78.8	00	00	0.61		166
88	63.6			80.3	81.2	61.3	81.5	81.8	81.8	81.9	81.9		-	82.0	82.2	82.2
	0.49	_	1	4.68	83.1	0.40	84.3	2.48		84.8	84.8	\$	*	84.9	85.1	85.1
% 	1.49			84.0	85.4	85.7	86.1	86.7	86.7	86.9	86.9	86.9	-	87.1	87.3	87.3
	64.3		1			\$ 88	89.1	1.06	3006	1.06	1.06			6.06	91.1	91.1
111	64.5			87.9	80.5	90.06	91.7	65.6	93.1	94.2	34.4	4.46	*	94.8	8.46	8 . 46
	64.5	_			.0	31.6	92.5	0.46		0.96		6.96		1.96	97.1	97.1
141	64.5			88.7	91.5	91.5	93.2	6.46	95.3	97.1	0.86	98.1	98.2	98.4	98.8	0.66
	04.5			1 88		61.5	3.56	5. 56	95.3	97.2	1.86	386	48.4	98.7	6	4.66
١٨١	64.5	-		88.7	91.2	91.5	93.2	6.46	95.3	3.16	98.1	98.2	4.86	98.7	66.3	0.00

TOTAL NUMBER OF OBSERVATIONS

1240

SWOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

5771

1

OO NOURS (LST) AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2	۰ ۸۱	\$ 1	*	8 1	> 21%	7 1	VI 27.	71	ĀI	AI	3₹ ∧I	Z AI	≥ 5/16	AI .	٨١
NO CEILING	19.4	50.	20.0			20.0	0	20.0	0	0		0.02	20.0		20.0	20.0
> 20000	20.0	20.	-	20.7	0	20.7	.0		0		20.7	20.1	20.7	20.7	20.7	20.7
	20.0	20.	-	20.7		20.1	0		0	0	ô	1.07	20.7	20.7	20.7	20.7
≥ 16000	20.0	20.	-	20.7		20.7	0		0	0	0	20.7	20.7	20.7	20.7	20.7
> 14000	20.0	20.	-	20.7		20.7	0		0	0	0	20.7	20.7	0	20.7	20.7
> 12000	20.0	50.	-	20.7	20.7	20.7	0	20.7	0		0	20.7	20.7	20.7	20.7	20.7
	20.0	20.	-	20.7	0	20.1	0		0	0	0		20.7	0	.0	20.7
0006	20.7	21.	-	21.3	-	21.3	-	21.3	-	:	-	21.3	21.3	-	21.3	21.3
1	21.9	22.	~		2	2	2.	~	2.	3	2.	2.	22.6	2.	2	22.6
7000	22.6		23.9	53.9	23.9	53.9	53.9	23.9	53.9	23.9	53.9	3.	23.9		3	53.9
	22.6	23.	*	53.9	3	23.9	3.	23.9	3		3	3			3	23.9
2000	23.5	23.	:	24.5	4			24.5	*	*				•		24.5
1	23.2	23.	:	54.5	3	24.5	. 4	24.5	4	4					. 4	
0004	25.8	29.	-	30.3	0	30.3	0	0	0	0	0	30.3		0	0	30.3
1	28.4	32.	:	34.2	3		*	34.2	*	3	4.	34.2			*	34.2
3000	33.6	38	-	0.04	0	0.04	0	0	0		0	0	0.04	0	0	
1	36.8	45	:	46.5	0	9	. 9	0	0	9	0	46.5	0		40.5	46.5
7 2000	41.3	52.	:		4	4	*		*	4	4		*	*	;	54.8
	4.0	54.				-	-		-			57.4				57.4
> 1500	0.65	63		50.99	0		.0			9	66.5	5 . 99	66.5	66.99	66.3	66.5
	52.3	70.	:	2006	4		*	74.2			*	74.2	*		74.2	74.2
1000	52.9	73.	:	19.4	19.4	19.4	4.61		6		6	19.4		6	19.4	79.4
	52.9	74.	:	80.7	-						81.5	81.3	81.3	81.3	81.3	81.3
008 AI	53.6	76.	*	83.2	4	*		84.5	4	*	84.5	84.5	84.5		84.5	84.5
	54.5	17.	-	85.2	0	•	86.5	86.5		86.5	36.5	36.5	86.5	86.5	86.5	86.5
000	54.5		85.2	85.8	-	87.1	-	87.1	-			88.4		\$8.4	88.4	88.4
	34.8	78.	86.5	87.1	3	88.4	6	89.7		91.0		0.16	91.0	0.16	0.16	0.16
1 400	54.8	78.	86.5	87.1	0	89.7	0.16	6.36	~	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	54.8	10.4	87.1	87.7	01.6	0.16	N	93.6	•	8.76		35.5	35.5	95.5	62.5	95.5
700	54.8	19.4	87.1	87.7	-	91.6	0	94.8		8.96	98.1	98.1	98.1	1.86	1.86	98.1
81	24.8	6	87.1	87.7	91.6	91.0		8.46		8.96	1.86	1.86	1.86	98.7	00.00	0000
٨١	54.8	19.4	87.1	87.7	91.6	91.6	93.6	8.46	8 . 46	96.8	98.1	98.1	98.1	98.7		0000

TOTAL NUMBER OF OBSERVATIONS

155

1 =

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AUG

03

500 53.6 77.4 83.9 87.7 89.7 91.6 91.6 92.3 93.6 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2	CELLING  OCETING  OCE	" 12555555555555555555555555555555555555	7 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	22. 22. 22. 22. 22. 22. 22. 22. 22. 22.		21 22 22 23 25 25 25 25 25 25 25 25 25 25 25 25 25		N	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	N 200 20 20 20 20 20 20 20 20 20 20 20 20	VI NUMBER BERGER BERGER SERVICE	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	I Nomment and a part and a part and a comment	A Manamana o a paramana pa o to a ki - a man	N	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
200 53.6 77.4 83.9 87.7 91.0 92.9 92.9 94.8 96.8 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4		mm	77.	1000	0 7 . 7 . 0	-01	00 -		92.3	900	- 4		- 4		94.8	8 94.
		m m	:::	9 00 00	007.7		NNN	92.0			OLL		770		4.66	410

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

73-77

AUG

0.6 HOURS (1.5.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	٥	8.1	4.6	4.6	4.6	4.6	4.6	4.6	1.3	1.3	5.8	6.5	6.5	6.5	2.3	5.5	10.0	2.3	8.1	100	8.4	2.3				4.4	6.0		6.8		8.7		
	2	8.1	9.4	4.6	9.4	9.4	9.4	9.4	1.3 2	• 3	5.8 2	• 2	•	• 2	3		1.0		-	1.	8.4 6	2.3 7	5.	. 7	. 2	9.7 8	m	.3	8	00		0	
	20	-	.4 1	_	• 4 1,	1 4.	-	.4 1	-	~		~	N	~	m	ec.	4	2		9	4 6	-		00		7 8	3 9(		0	8 96	0	9	4100
	\s \ \	1 18	-	61 4	-	-	61 4				8 25	2	-	~		w	4		1 58	-	4 68	3 72		00		68 1	3 90	3 92	0	96 8		66 5	66 5
	VI Z		•			•	19.			-:	2		•		2	5			58.		68.	72.		0		89.		2			96		44
	*	18.1	•	19.4		19.4	19.4	6	-	-	2.	•	•	0	5	2	0	2.	58.1	0		72.3	œ	80.0	3	89.0		91.6	è	96.1	-	4.10	\$ 1.0
	¾ Al	18.1	6	19.4	19.4	19.4	19.4	19.4	21.3	21.3			.0	•	3		0	2	58.1	0	68.4	72.3			3		89.7		1.96	1.96	•	4.16	97.4
(5)	- AI	18.1		19.4	19.4	19.4	19.4		-		3	56.5	9	9	2.		0	2.	58.1	0	60	72.3	8	80.0	6	0.68		91.6	8.76	-	100	500	
ATUTE MIL	7 7	18.1	19.4	19.4	•	19.4	19.4	19.4	21.3	21.3	•	9			2		0	52.3		0	4.89	72.3	78.7	80.0	3	0.68		91.6		8.46	*	34	5
VISIBILITY (STATUTE MILES)	۲۱ ۲۷ ۲۲ ۲۷	18.1	19.4	19.4	19.4	19.4	19.4	19.4	21.3		2	0	•	0	32.3			2			4.89	72.3	78.7	80.0	2	0.68	6	91.0	64.2	•	*	2.46	*
VISI	7	18.1	10.4		19.4	19.4	19.4		21.3		25.8		26.5	. 9	32.3		0		58.1		58.4	71.6	78.1	10.4	83.2		88.4	90.3		92.3		92.3	
	2 2%	18.1			19.4			4.61	-	21.3	5.	9	56.5	. 9	2	35.5	0	52.3	58.1	1.09	68.4	11.6	•		3	1.7.8	87.7	0.68	-	91.0	-	71.0	•
	60 Al	18.1		19.4		19.4	19.4	19.4	21.3		25.8	9	50.5	•	5	35.5	0		58.1	1.09	4.89	71.6	78.1	6	83.2		87.1	87.7	89.7	1.68		89.1	
	٨١	18.1	19.4	19.4	19.4	19.4	10.4	19.4	21.3		25.8		56.5	.0	32.3	2		3	58.1	0	68.4	71.0	77.4	8	81.3		85.2	85.8	87.7	87.7	87.7	87.	1.18
	\$ AI		19.4			19.4	19.4	19.4			25.8								58.1					78.7				84.5		86.5		90.0	80.5
	۰ ۸۱	18.1							21.3	21.	25.	. 52	25.	25.	31.	34.	.04	51.	57.	200	57.	669	74.	. 4	16.	. 9/	77.4	77.4	78.1	78.1	78.1	3.1	78.1
	0 1		8	18.7	-	20	18.7		20.7	20.7	53.9	54.5	24.5	24.5	29.0	32.3	36.8	45.2	0.64	50.3	54.8	56.8	0.09	0.09	0.09	0.09	60.7	2.09	2.00	2.09	60.7	200	200
CEILING	(EE)	CEILING	20000	18000	16000	14000	12000	10000	0006	0008	2000	0009	2000	4500	4000	3500	3000	2500	2000	1800	1500	1200	0001	006	800	700	000	200	400	300	+	8	$\dashv$
Ü	=	9 2	۸۱		٨١		١٨١		AI	٨١	AI	^	AI	^	1 11	٨	IAI	٨	1 11	٨١	M	٨١	AI	٨١	۸۱	٨١	AI	٨١	AI	٨١	AI	٨١	٨١

TOTAL NUMBER OF OBSERVATIONS

155

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SMOS DIRNAVOCEANMET

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1338

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AUG

0.9 HOURS (1.5.T.)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	5 71	۰ ۸۱	\$ 1	4	es Al	2 21/2	2 4	¥1 ¥	71	-	AI	*	N %	≥ 5/16	AI 2	٨١
NO CEILING	16.1	16.8	17.4	16.8	16.8	16.8	16.8	10.8	16.8	16.8	16.8	17.4	16.8	16.8	16.8	16.8
18000	00	1		18.7	18.7			18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.
≥ 16000	18.1		18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
	1.0.1	3	19.4	19.4	19.4		19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	18.1		19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
	19.4		20.7	20.7			20.7			20.7				20.7	20.7	20.
000	21.9	2	23.5	23.2	23.5	23.5	23.5	23.2	23.5	23.2	23.2	23.5	23.2	23.2	23.2	23.5
	24.5		:	27.1		27.1	-		-			:	-	27.1		27.1
7000	29.7	31.6	2	32.3	3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	2.	32.3	32.3
1	29.7		2	32.3		32.3	2.	32.3	2.		7	32.3		32.3	32.3	32.3
2000	29.7		32.3	32.3	32.3	32,3	32.3	32.3	32.3	32.3	32.3	32.3	32,3	32,3	32.3	32.3
	29.7		2	32.3		52.3		32.3	2	32.3	~		~			32.
141	34.2	-	36	36.8	36.8		36.8	36.8	36.8	•	36.8	36.8	36.8		36.8	36.8
	37.4	0.04	40	40.1	1.04	+0.		40.1	40.1	40.7			40.1	0	40.7	40.
3000	45.6	5	5	45.8	45.8	45.8	45.8	45.8	45.8		45.8	45.8	45.8	45.8	45.8	45.8
	47.1	51.0		51.6	51.6	•		51.6			51.6	51.6	51.6	51.6	51.6	51.6
2000	53.6	56.1	10	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	-	57.4	57.4	57.4
	52.3		58.7	58.7		58	58.7	58.7	58.7	58.1	58.7	58.7	58.7	58.7	58.7	58.7
1500	55.5	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
	58.1		N	74.2	74.2	14.2	74.2	74.2	14.2	74.2	74.2	74.5	74.2	74.2	7402	74.2
8	60.7		76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
	60.7	74.8	76.8	78.7	78.7		78.7	78.7	78.7	78.7	78.7		76.7	78.7	78.7	78.7
8	60.7		85.6	85.2	85.2	85.5	85.2	85.2	85.2	85.2	85.2	85.5	85.2	85.2	85.2	85.2
	6119	81.	85.2	83.4	88.4	4.80	88.4	89.0		89.0	89.0	89.0	89.0	0.68	89.0	89.0
8	61.6		85.2	89.7	6.06	80.3	50.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	6.10	81.	85.6	6.06	91.0	91.0	0.16	65.3		92.9	92.9	65.6	6.26	93.6	93.6	93.6
8	61.9	8 .	85.8	60.3		91.0	0.16	65.3	65.3	34.5	3.46	84.5	94.8	95.5	95.5	95.
	61.9	61.3	2	91.0	91.6	91.6	92.3	65.5	95.5	4.66	4.16	97.4	1.86	98.7	78.7	98.
200	•	-	85.8	91.0	91.6	31.6	6.26	62.5	95.5	91.4	4.16	4.16	1.06	48.7	4.66	99.4
8	6.10		85.0	91.0	91.6	91.0	65.3	65.5	95.3	97.4	4.16	4.16	96.7	4.66	•	0001
	•	-	93.0	0.16	91.6	71.0	95.3	65.0	6.66	91.4	4.16	41.4	98.7	99.4	0.001	0001

TOTAL NUMBER OF OBSERVATIONS

155

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 AUG

2

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
(FEET)	5 1	٨١	\$ 41	4	es Al	2 2%	7	71	2	-	AI	AT AT	AI S	≥ 5/16	AI	٥
NO CEILING	12.	12.9		12.9	2.		2.	2.	2		-	2.	2.	12.	2.	
¥ 20000	15.	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	-	15.5	15.5
N 18000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	1001	16.1	16.1	16.1	16.1	16.1	9	16.1
N 16000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	-	•	16.1	16.1	16.1		16.1	•	16.1
	16.1	16.1	10.1	16.1	16.1	16.1		16.1	1001	16.1	16.1	16.1	10.1	16.1	16.1	16.1
× 12000	10.1	16.1	16.1	16.1	16.1	16,1	16.1	16.1	•	16.1	16.1	16.1	•	16.1	•	16.1
1	10.8	16.8	16.6	16.03		16.8	16.8	10.8	16.8	16.8	0	16.8	16.8	16.8	9	16.8
000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	•	8	19.1	18.1	•	18.1	18.1	18.1
	19.4	19.4		19.4	•	10.4	0		6	6		19.4	6	6	6	19.4
7000	22.6	23.9		54.5	24.5	•	54.5	24.5	*	54.5		54.5				
	22.6	23.9				24.5	. 4	4		4			*	•		
2000	23.2	24.5		25.2	25.2	3	25.2	5	3	25.2	5		2	5	2	
	23.2	25.2		3	5.		5	5	5.	5	0	5	5		5.	
0004	25.8	30.3		31.0	31.0	-		31.0		-	-	31.0		-	-	
1	29.0	34.8			5		5	5		5	2		2		5	
3000	34.2	40.0	40.7	40.7	40.7	0		0	0		0	ċ	0		0	40.7
	40.0	46.3						-	-		-	-	-			47.7
1 2000	47.7	54.8		56.8	56.8	9	56.8		. 9			56.8			56.8	56.8
	47.7	55.5				57.4	57.4					-	-			57.4
1500	54.5	65.8		-			67.7	•	7.	-	-	-	1.	67.7	-	67.7
1200	0.00	72.3	74.2	*	14.8	15.5	75.5	76.1		76.1	76.1			76.1	76.1	76.1
	6.10	**	100	0.29	•	•		•	# 4		•	0 0	* 4	0 4 4	* 1	
88	200	00	4 4	87.7		1 00	200	000	10				. 0			20.0
	63.2	81.9		-	0				2				2			92.9
38	63.2	81.9	87.1	6.06		9.16	92.3		3	;	34.5	34.5	3	4	34.5	
	63.5	82.5	87.7	91.6	-			65.5			62.5	62.5	2	95.5	2	95.5
14	63.5	82.6	88.4	92.3	3	94.8			8	7.86		98.7			48.7	98.7
	63.5	82.6		92.3	•	95.3	96.1	98.1	.0		4.66	4.66		100.001	0.0	
2 200	63.5	82.6	88.4			62.2	1.96	1.86	1.86		6	4.66	100.0	100.00		100.0
VI 81	63.2	82.6	88.4	92.3		62.5	96.1	48.7	7.86	4.66	4.66	5.66	•		0.0	0.001
٥	03.5	82.6	4.88		•	35.5	96.1	1.86	1.86	4.66	4.66	39.4	100.0	100.00	100.001	0.00

TOTAL NUMBER OF OBSERVATIONS

155

1 2

DIRNAVOCEANMET SMOS

#### AUG

CEILING VERSUS VISIBILITY

KEFLAVIK, ICELAND

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LS HOURS (LST)

CEILING							VISI	VISIBILITY (STATUTE MILES)	NTUTE MILE	(\$)						
(FEET)	5 1	۸۱	\$ 1	AI AI	K 71	≥ 2%	7 1	¥1 ¥1	71	-	AI	*	¥ A1	≥ 5/16	AI	٨١
NO CEILING	15.	5	15.5	15.5	15.5	15.5	15.5	15.5			15.5	15.5		15.5	15.5	15.5
> 20000		16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	10.1	16.1	16.1	16.1	16.1	16.1
	17.4		17.4	17.4	17.4	7.4	17.4	17.4		•	17.4	17.4	17.4	17.4	17.4	17.4
N 16000	18.1		18.1	18.1	18.1	18.1	18.1	18.1		•	18.1	18.1	18.1	18.1	18.1	18.1
	18.1		16.1	18.1	18.1	8		18.1		18.1	18.1	18.1		18.1	18.1	18.1
N 12000	18.1	-	18.1	18.1	18.1	18.1	18.1	18.1	18.1		•	18.1	18.1	18.1	18.1	18.1
	18.7		•	18.7	8		100	18.7	8		00		0		00	
000	0	20.0	:	20.0		20.0	0		0		0		0	0	•	20.0
	3	21.3			-4	-	-	-	:	-	-	-4	-	-	-	
7000	10	25.2		25.2	2	•	5	25.8	3	3	5	5	2	5	5	
	10	25.2		25.2	5	25.2	5	5	3	5	5	2	5	5	5	
2000	2	25.8	25.8	25.8	25.8	25.8	25.8	50.5	.0		26.5	56.5	26.5		26.5	26.5
	2	26.5		50.5	9	0	.9	1.	-	-		-	-		-	
000	4	30.3	•	30.3	0	30.3	0	31.0	-	-	-		31.0	-	-	31.0
	3	32.3	•	32.3	N	32.3	2.	2	2	2.	2	2.	2		2.	
3000	8	37.4		37.4			-	38.1	<b>x</b>		3		38.1	8	8	38.1
	0	45.2	45.2	45.2	5	5	5		0	3	0	2	5	3	2	45.8
7 2000	9	29.4		29.4			6	0.09		0.09	0.09		0.09	0.09	0.09	0.09
	~	0.00			0	0	0		0		1.09		0	0	0	
2 1500	1	0.69		0.69	0		.6		6				0		6	69.7
	0	71.6	•	72.3		12.3	evi	3.	•	•	73.6		13.6	3.	73.6	
0001 1	5	76.1	78.1	78.7	78.7	18.7	78.7	80.0		0	80.0		80.0	0	80.0	
	N	76.8		19.4	9	•	6	80.7	-	81.3	81.3	81.3	81.3	81.3		81.3
008 AI	2	78.1	80.0	81.3	81.3	01.	-		9			83.9	83.9	63.9		83.9
	00	4.61	81.9	83.9	\$	. 4	*	87.1				89.0		89.0	89.0	89.0
00	65.8			65.00	0	0.	-		90.3	-		91.6	91.6	91.6		91.6
	66.5		85.2	87.1				6.26	3	*		62.5		30	95.5	95.5
7 400	66.5	81.9	85.2	87.1	0	6.06	91.6	8.46			4.16	4.16		97.4		97.4
	66.5		85.2	67.1	6006		-	8. 96	1.96	9			1.96	98.1	98.1	98.1
7 200	66.5	•	•	87.1	0	90.3	-	8.46		96.8		98.1	98.1	98.1	1.86	98.1
91	66.5	81.9	85.5	87.1		6006	-				1.86	1.86	1.86	1.86	1.86	4.66
0 1	66.5		85.5	87.1	6006	80.3	91.6	94.8	96.1	8.96	98.1	98.1	1.86	98.1	98.11	0.00

TOTAL NUMBER OF OBSERVATIONS

135

DIRNAVOCEANMET SMOS

12595-06191

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE

1.8 HOURS (1.5.7.) AUG

CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MILE	(\$)						
(FEET)	5	۰ ۸۱	\$ 41	4	e Al	2 2%	7 4	٧١ ٦٢	VI 3.	-	≱ Al	*	Z AI	≥ 5/16	AI	٨١
NO CEILING	œ.	18.1	18.1	00	18.1	18.1		20		18.1	18.1	8	18.1	18.1	18.1	18.1
> 20000	20	20.0	20.0		0		20.0	20.0	0	•	0	0	•	0	20.02	20.0
≥ 18000	:	21.3			•			-	21.3	-	•	:	21.3	•	21.3	21.3
≥ 16000	:	21.9		-	51.9		-	-	-	:	:	:	-	-	•	21.9
	-	21.9		-		-	1.	-	•	-	•	-		-	-	
> 12000	-	21.9		21.9	-		51.9	51.9	51.9	-	-	-	-	-		51.9
	3.	22.6		2.	3.	2.	2.	2.	2	3	3	5.	2.	2.	?	
000	3.	53.9		23.9			3	3	3.		3	3	3	3	53.9	53.9
	9	26.5		0	9		9		0		0		9		9	26.5
7000		29.0		6		0		6	6	6		6		6	29.7	29.7
	6	29.0		6	6	6		6	6	6	6	6	6	0	6	29.7
2000	5	29.0			29.7	29.7		29.7		0		6	29.7	6	29.7	29.7
1	6	29.7		0	0	0	0	0	0	0	0	0	0	0		30.3
1 41	2	33.6		4			*	;		4	*	;	*	*	4	34.5
	3	36.1		0	.0	9	.0	0					0	9	36.8	36.8
3000	-	40.7			41.3		-			-	41.3	-		-		41.3
	. 4	48.4				6	0	6	6	0		6		6	0	1.64
7000		56.8			58.7	58.7	58.7	•	58.7	58.7	58.7		58.7	58.7	58.7	58.7
1	2.	58.7			1.09	0	0	0	2.09	0	0	0	2009	0	0	1.09
1500	6	1.69	70.3	71.6	72.3	N	72.3	2	N	2	72.3	2.	72.3	0	72.3	72.3
	-	72.3			5	76.1	.0				0		16.0	0	0	76.8
1000	-	74.8				000	19.4	6	4.62			0	80.7		80.7	80.7
	-	75.5				80.7			81.3				3.	2.		82.6
8	6	77.4		82.6	83.2	63.9	84.5	;	-3	89.2	3	3	85.8		85.8	
	3	78.1						85.2	0		-		87.1			
9		78.1			85.2	85.00	86.5	0		87.7	88.4		88.4	60	88.4	88.4
		78.1		35.2	86.5				87.7	6006		-	0.16	91.0	0.16	
8	3	78.7	80.7		87.1	87.7	86.4	90.3	80.3	93.6	34.5	2.56	8.46		95.5	95.5
		19.4	81.3		87.7				91.0	8.46	•	2	1.96		96.8	
700	63.2	19.4	81.3	86.5	87.7		89.0	0.16	91.0	95.5	90.8		4.16	1.86	1.86	98.1
	3.	4.61	81.3	86.5	87.7	4.89	89.0	01.0	91.0	95.5	96.8	8.96	4.16	98.1	98.11	0.00
١٨١	9		81.3		87.7		89.0	77.0	•		•	96.8	4.16		98.11	

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

12595-05181

1550

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

E I S I I AUG

	0 Al 2 Al 2	1 18.1 18.1	.4 1	0.7 20	0.7 2	7	0.7 2	.3 2	9 21.9 21.9	.2 2	8.4 2	• 0 2	0 29.0 29.0	62 00	.5	36.8 3	6 41.9 41.9	40.64	3 61.3 61.3	62.	67.	.0.	79.4 7	0	9 83.9 83.9	. 5	0 88.0 88.0	91.6 91.6	2 94.2 94.2	6 8 9	1 98.1 98.7	7 98.7 99.4	0000
	2 5/16	1 18.		C	7 20.	7 20	7 2		9 21.	2 2	4 28	2 0		O'	5	3	4	4	3 6	6 62	9 7	0 71	4	7 80	8	5 84.	0 89	6 91.	2 94.		1 98.	7 98.	90
	VI Z	1 18.	4 19.	.02 /	~	02	7 20.	2		2 23.	28	2	0 29.	2	6	36	4	49		62	-	F	9	0	6 83.		0 89.	6 91.	2 94.	8 96.	. 98.	1 96	000
	* AI	18.	4 19.		0	0	20.	21.	6 21.	23.	28.	-67	29.	.67	35.	36.	-	.64		62.	67.	7:	1			0		0	2 94.	96		86	00
	۸I	18.	-	7 20.	7 20.	.02	20.		21.	3	28.	29.	29.	29.	35.	36.	41.	49.	61.	62.	67.	71.	6	80.	3	84.	89.	91.	2 94.	.96	4 97.4	98	00
ILES)	<u></u>	18.	19.	ċ	0	O	0	21.	21.	3	28.	29.	~	58	35.	36.	41.	.64	1 61.3	62.	67.	71.	79.	80.		84.	89.	91.	. 46		91.4	98.	
TATUTE MI	VI 3.7	18	-	20.7	~	~	20.7	21.		23.	28.	50.	~	56.	35.	36.	.1.	49.	61.3	62.	67.	71.	79.	80.	00	84.	æ	91.6	. 76	0	0	95.5	0
VISIBILITY (STATUTE MILES)	VI 21	18.	-		20.	20.	20.	21.	21.9	23.	28.	29.	29.0	29.	35.	36.	41.	49.	9	62.	67.	7.	79.	80.		84.	6	91.6	63.	. 76	94.8	8.46	
, i	7		19.4	0	20.7		ò	-	21.9				29.0						61.3	2.	67.1		79.4	0	83.2		87.7	89.0	90.3		91.0	0.16	
	≥ 2%	18.1	0	7.02	0	0	0	-	21.9	3	·		29.0	6	5	9	-	6	61.3		2	-	•	6	2.	83.2	87.1		0	0.68	6		000
	٨١	18.1	19.4	20.7	20.7		20.7	-	21.9		28.4	29.0	29.0						61.3		67.1	71.0	78.7		82.6	83.5	87.1	87.7		6	89.0	89.0	0
	4	18.1	19.4	20.7	20.7		20.7	21.3	21.9		28.4	29.0	29.0		35.3			6	61.3	2	67.1	71.0	78.7	19.4	81.9	82.6	85.8	86.5	87.7	87.7	87.7	87.7	2 2
	87	18.1	19.4	20.7	20.7	0	0	-	51.9	3.	7.		28.4		34.8	0			1.09			6		00		0	82.6		83.2	83.2	83.2	83.2	0.7
	٨١	18.1	10.4	20.7	50.	50.	50.	21.		23.	27.	28.		28.		36	4	4.30		0	99	69	76	16	78	18	79.	90.	80.0	80.	80.	80.	0
	5	00	19.4	20.7	20.7	20.7	20.7	21.3	21.9	23.2	27.7	4.07	28.4	4.67	32.9	33.6	38.1	45.6	51.6	21.6	54.8	56.1	59.4	0.09	0.09	0.09	0.09	0.09	0.09	0.00	0.09	0.09	000
CEILING	(FEET)	NO CEILING	> 20000		00091 4		12000		000	1	141	1	2000		141	-	3000		1 2000		1500		900		8		8		141		8 1 A I		3

0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.)

AUG

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(\$)						
(FEET)	N 2	۰ ۸۱	۶۶ ۸۱	<b>VI</b>	۳ ۸۱	2 2%	7 Al	¥1 ¥	VI Z	Ā	≱ Al	*	۶. ۸۱	≥ 5/16	M M	٨١
NO CEILING	17.4		17.7	17.7				17.7		17.7	17.7	17:1		17.7	17.7	17.7
> 20000	18.6			18.9	•	18.9		18.9	•	18.9	18.9	18.9	18.9	18.9	18.9	18.9
	19.4		:	19.7	•			19.7			19.7	19.7	19.7	•	19.7	19.7
2 1600	19.5	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
	19.5			19.9			6	19.9	6			6.61	•		19.9	19.9
12000	19.5		19.9	19.9				19.9	6			19.9	•	19.9	19.9	19.9
	20.0			20.4	0	0	0	50.4	0	0	0		ò	0	50.4	20.4
000	21.3		-	21.7	21.7	21.7	-	21.7	-		-	21.7		-	21.7	21.7
	22.9			23.5	3.	23.5	3	23.5	3.	50	3	3.			23.5	23.5
141	25.9		:	27.3	27.3	27.3	-	27.3	7.		7.	27.3	•		27.3	27.3
	26.1				-	57.5	:					-	-			27.6
2000	26.4			27.8	2	27.8	-		7		7	-		-	27.9	27.9
	26.4			28.1	30		3		00	8	*		*	00	28.2	28.2
0004	29.8		-:	33.0	3.	33.0	3.		3		3.	3		•	33.1	33.1
	31.9		:	35.9	5		5		9		0			9	36.0	36.0
3000	36.8		41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
	42.5			6.84	6	6	6	6	6	6		0			6	0.65
7 2000	48.9		-	57.7			-	57.8	-	-	7.		1.	-	57.9	57.9
	49.6		:	59.4	6	0	0		6		6		6		29.6	29.6
1500	54.7		-		8		80	68.3	8	8	8	8	4.89		68.4	4.89
	57.2		-	73.0	3				103			13.9	13.9	3		73.9
0001	59.3	•	-	19.0	4.64	19.5			0	0	80.4		80.5	•	80.5	80.5
	29.4			73.8	0	4.08	0	81.1	-	81.4	81.5	81.5	-			81.5
008	29.9		-		3	*		84.7	;		85.1	85.1		2	85.2	85.2
	60.2		-	85.0	85.9	86.2	.0	87.3		87.7	87.9	61.0	00	88.0		88.0
8	60.3				1:	1.	88.1	89.2			0	0.06	90.1	90.1	90.1	90.1
	60.5		:		8	2.69	6	91.3	:	92.3	3.	5.26				92.7
007	6000			88.2	0.06	0	91.5	93.5	63.6	. 4	95.3			95.8	8.56	95.8
	60.5			88.5		91.5	92.2	1.46	5	6.96	•	6.96	61.3	•	61.5	97.5
7 200	60.5		:		0	91.3	3	8.46	5.		-			98.6	98.8	6.86
	60.5		85.2	88.5	1.06	61.3	92.3	8.46	95.4	67.1	8.16	8.16		0.66	•	8.66
٥	60.5	•	85.2	88.5	1.06	61.3	95.3	94.8	45.4	97.1	8.16	8.16	•	0.66	4	100.0

TOTAL NUMBER OF OBSERVATIONS

KEFLAVIK, ICELAND

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SEP

8000

00 HOURS (1.5.7.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(\$3)						
(FEET)	5 71	41	87	<b>A</b> I	6 1	≥ 2%	7 4	VI 24	71	-	₹ Al	<b>₽</b>	14	2 5/16	A1	٨١
NO CEILING	26.7	2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
> 20000	28.7	53	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
> 18000	29.3	30	30.0	30.0	0	30.0	30.0	30.0	0	0	30.0	30.0	30.0	0	30.0	30.0
> 16000	29.3	30	30.0	30.0	30.0	30.0		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
	5.67	30	30.0	30.0		30.0		30.0	0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
12000	29.3	30	30.0	30.0	30.0	30.0	30.0	30.0	0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
	29.3	30	30.0	30.0	30.0	30.0	30.0	30.0	30.0		30.0	30.0	30.0	30.0	30.0	30.0
000	29.3	30	30.0	30.0	30.0	30.0	30.0	30.0		30.0	30.0	30.0	30.0		30.0	30.0
	32.0	32	32.1	32.7	32.7	32.1	2.	32.7	2.	32.7	32.1	32.1	32.7	32.7	32.7	32.7
141	36.0	20	38.0	38.0		38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
1	36.0	38	38.0	38.0	38.0	38.0		38.0		38.0	38.0	38.0	38.0	38.0	38.0	38.0
2000	36.0	38	38.0	38.0	8	38.0		38.0		38.0	38.0	38.0	38.0	38.0	38.0	38.0
1	36.0	38	38.0	38.0	00	38.0	60	38.0	0	0	38.0	38.0		38.0	38.0	38.0
141	39.3	4	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
1	41.3	44	0.44	0.44	0.44	44.0	0.44	0.44	*		0.44	0.55	0.44	*	0.44	0.44
3000	50.0	53.3	54.7	54.7	54.7	54.7		54.7	24.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
	55.3	00	1	61.3	61.3		61.3	61.3	61.3		61.3	61.0	61.3	61.3	01.3	61.3
1 2000	0.09	689		69.3	69.3	66.3		6.69	69.3	•	69.3	69.3	69.3	669	69.3	69.3
	62.0	0	1	72.0		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1500	63.3	74.		77.3		78.0		78.0	78.0	•	78.0	78.0	78.0	78.0	78.0	78.0
	0.49	16	1	80.1	80.7	61.3	81.3	81.3	-	81.3	81.3	81.3	81.3	81.3	81.3	81.3
0001	65.3	46		84.0	85.3	86.0	86.0	86.0	86.0		86.0	86.0	86.0	86.0	86.0	86.0
	0.99	80.		85.3	36.7	67.3	87.3	87.8	87.3	87.3	87.3	87.3		87.3	38.0	88.0
08	0.99	80.		85.3	87.3	38.0	88.0	88.	88.0	88.0	88.0	88.0	88.0	88.0	88.7	88.7
	0.90	00		86.7	88.7	6 6 6 3	0.06	0.06	0.06	90.0	0.06	0.06	0.06	0.06	4006	90.7
9	0.99	80.		86.7	89.3	0.06		91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.0
	0.39	81.		87.3	0.06	1006	91.3	0.26		92.0	0.26	95.0		92.0	45.7	92.7
9	0.99	82.		88.0	1.06	91.3	92.0	92.7	45.7	93.3	0.46	0.46	0.46	0.76	1.46	94.7
	0000	62		0.00	61.3	95.0	92.7	0.46	0.46	65.3	0.96	96.0	0.96	0.96	90.7	96.1
700	0.99	82.0	85.3	88.0	91.3	92.7	0.46	46.7	1006	7.86	66.3	66.3	66.3	86.3	0.001	00001
	0.99	82.		68.0	91.3	92.1	0.46	1.96	1.96	98.7	6	86.3	5	86.3	0.00	0.001
٥	0.99	82.		88.0	91.3	92.7	0.46	1.96	96.7	7.86	66.3	66.3	66.3	66.3	0.001	0000
			1	1	1	1	1	1	1		1	1	1			

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

1550

76.0

76.0 77.3

76.0

16.0

76.0

76.0

76.0 76.0 77.3

70.0

75.0

76.0

16.0 77.3 80.0

75.3

74.7

980

0

17.3

77.3

77.3 80.0

77.3

77.3

80.0

80.0

80.0

82.0

82.0 83.3

0.28 83.3 84.1

82.0 80.0

82.0 82.0

82.0

82.0

82.0 83.3

050 83.3

82.0

79.3 81.3

83.3 84.0 85.3

60.7 82.7

76.0

0.99

88

0.99

83.3 84.7

1008 80.7

0.91 0.99

0.92 0.99

88

0

80.0 77.3

80.0 80.08

80.0

80.0 77.3

80.0

77.3 79.3

65.3 73.3 15.3

76.7

75.3

12.7

65.3

1200

0

77.3

77.3

83.3

84.7 84.7

83.3

83.3

84.7

84.7

84.7 86.7

0.40 85.3

83.3

98.710000

909

89.3

89.3

89.3

89.3

89.3

40.4

406

1.06

1.06

7.06

90.0 90.0

0.06

89.3

83.0

82.7 87.3

77.3

0.99

88

82.7 88.0

17.3

0.99 0.99

88

88.0

88.0 88.0

06.0 77.3 82.7 87.3

0.96

0.06

0.96

0.96

0.46

93.3

63.3

91.3 91.3

89.3

89.3

88.

82.7 82.7 82.7

17.3

1.96 7.96

1.76 1.46

63.3

63.3

91.3 91.3

69.3

89.3

88.0

0.88

17.3

0.90

77.3

0.99

80

89.3

93.3

93.3

97.3 98.0

61.3

98.0

97.3

95.3

62.3

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

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CEILING VERSUS VISIBILITY

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YEARS

73-77

MONTH 03

				PERCE (	NTAGE	FREG	UENC LY OB	Y OF (	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	RENCE 3)					EO SHOOM	- L
CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(53)						
(FEET)	2	۸I	٧١	<b>4</b>	٨١	2 21/2	7	V 1%	VI ≥1	<u>-</u>	۸I	# ∧I	% Al	≥ 5/16	AI	٨١
NO CEILING	30.7	32.0	3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
> 20000	31.3	32	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
× 18000	32.7	34	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
14000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
> 14000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
12000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
> 10000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
	35.3	36.7	36.7	36.7	36.7	36.	36.7	36.7	36.7	36.7	36.1	36.1	36.7	36.7	36.7	36.7
141	38.7	40.7	40.1	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.1	40.7	40.7	40.7
1	38.7	40.7	40.1	40.	40.1	40.	40.7	1.04	40.7	40.1	40.1	40.1	1.04	40.1	40.1	40.4
2000	38.7	40.7	40.1	40.7	40.7	40.7	40.7	40.7	40.1	40.7	40.7	40.1	40.1	40.7	40.7	40.4
1	39.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
141	41.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
	45.3	48.0	48.0	48.0	48.0	0.84	48.0	48.0	0.84	48.0	48.0	0.84	48.0	0.84	48.0	48.0
3000	49.3	53.3	54.7	54.7	54.7	24.7	54.7	54.7	54.7	54.7	24.7	24.7	24.7	54.7	54.7	24.7
	55.3	0.00	61.3	61.3	62.0	05.0	62.0	0.29	62.0	62.0	95.0	0.20	0.79	05.0	0.29	0.79
7 2000	59.3			66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
1800	0.09	0.99	67.3	0.80	68.7	68.1	68.7	68.7	08.7	68.7	68.7	1.89	1.89	1.89	1.89	68.7
	1				-	1.00	*	-		1						-

TOTAL NUMBER OF OBSERVATIONS

3

1

1 =

## **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.0 ST 1 ST 1 SEP

							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	5	٨١	81	4	۳ ۸۱	2 2%	2 4	¥ 7	2	-	AI	*	7	≥ 5/16	AI	٨١
NO CEILING	24.		24.7		5	5	5	25.3	5	5	5	5.		0	25.3	25.3
> 20000	24.		25.3	26.0	26.0	26.0	26.0	26.0	26.0	9	26.0	26.0	26.0	.0	26.0	
V 18000	26.		27.3	8	00	60	8	20	00	8	23			80		
00091	-		27.3	28.0	28.0		28.0	28.0		00	28.0	60	28.0	28.0	28.0	28.0
			27.3		8	00	00	00	8	00			28.0			
17000	26.7		27.3	28.0		28.0	28.0	28.0	28.0	00	•	28.0	28.0	8	28.0	
		27.	-		8	e2		28.0	00	œ		8		000	8	
000		28.	28.0	28.7	28.7		28.7	28.7	28.7	8	28.7	00	28.7	28.7	28.7	
1		32.	32.7	33.3	3			33.3		3		3		33.3	33.3	
7000		38	38.0	38.7		38.7	38.7	38.7	38.7	8		8	38.7	38.7	38.7	38.7
1		38.	38.0	38.7		20	00		-	00	38.7	80	30.7	00		38.7
2000		38.		39.3	39.3		39.3	39.3		6	39.3	6	39.3	0	39.3	39.3
		38.					6			6	39.3	6	39.3	6		39.3
1 1	40.7	42.	45.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	N	42.7
1		44.	4	44.1	1.44	. 4	*	44.7	1 -	*	44.1	*	1.44	. 4		44.7
3000		64	49.3	50.0	50.0		50.7	50.7	50.7	0	50.7	0	50.7	0	50.7	50.7
		55.	26.0	57.3	-	-	8			8	58.0	8	98.0	00		58.0
7000		. 49	64.7	0.99	0.99		1.99	1.09	66.7	1.99		1.99	1.99	0	1.99	66.7
		65.	1.09	68.0	68.0	68.0			68.7	00	00	68.7	1.89	500		68.7
1 20		72.	73.3	74.7	74.7	*	S		75.3	3.	75.3	75.3	75.3	75.3	75.3	75.3
		13.	0	78.7	78.7	00	6		19.3	6	79.3	19.3	79.3	0	79.3	79.3
90		78	80.7	83.3	84.0	84.0				•	84.7	84.7	84.7	3	84.7	84.7
		78.	80.7		84.1	*			85.3	5	85.3	85.3	85.3	85.3	85.3	
8		4	81.3	84.7	85.3		96.0	86.0		86.0	86.0	86.0	86.0		86.0	86.0
		80.	82.0	83.3			87.3	87.3			87.3	87.3		87.3		87.3
8	68.7			85.3	86.7	86.7	87.3	87.3	-	87.3	87.3	87.3	87.3	-	87.3	87.3
	-	80.	82.0	83	86.7	86.1	87.3	88.0	88.0	8	0.88		38.0	8	88.0	88.0
1 11	-	80.		87.3	0.06	0.06	2.06	91.3	91.3	92.7	92.7	92.7	7.76	92.7	92.7	92.7
	-	80.	82.7	87.3			0.26	45.7	92.7	4	1.56		1.76	*	1. 76	1.46
141	8	80	82.7	87.3		0.06	92.0	93.3	93.3		0.96		0.96		1.96	
		80.	82.7	87.3	0.06			63.3	93.3	1.56	0.96	0.96	1.96	1.96	0.86	98.0
١٨١		80	82.7	87.3	0.06	0.06	92.0	63.3	93.3	4.7	0.96		40.7	96.7	98.7	0000

TOTAL NUMBER OF OBSERVATIONS

150

SOMS DIRNAVOCEANMET

T.U.C

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE 1956

KEFLAVIK, ICELAND

16201 STATION

73-77

SEP

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

# CEILING VERSUS VISIBILITY MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

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73-77		JENCY	V OBC
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K, ICELAND	STATION NAME	PERCENTAGE FREQUENCY OF	VOSSED VIGILION MODE
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OCCURRENCE

1961

SEP HONTH 12

CEILING (FEET)  NO CEILING (FEET	1		LELOCOLOCITE CLOUOSELOULMO	1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VISIBILITY (STATUTE MILES)  VISIBILITY (STATUTE MILES)  7 22 - 7 22 - 7 24 - 7	N	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	V V V V V V V V V V V V V V V V V V V	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	V
200 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	****	000000				00000		m + 0	4 × × × × ×	1 10 20 20 20 20	4 W W W W W	400000	14 m 00 000	4 0 0000	

TOTAL NUMBER OF OBSERVATIONS

150

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SMOS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.5 L S T . SEP

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILL	(5)						
(FEET)	5 71	9	50	4	N AI	2 2%	N 5	VI 25	71	-	۸I	AT AI	VI Z	≥ 5/16		AI
NO CEILING	17.3	18.	18.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
200	200	33.0	•		5				0	9		2		0	22.1	
00091	20.7	22.0	22.0	22 7	22.7	22.7	22.7	22.7	5	22.7	22.7	22.7	22.7	22.7	22.7	22.7
	21.3	22.7		10	23.3	3		3	-	1	3		3	3	3	23.3
1 1 2000	21.3	23.3	23.3	24.0	24.0	*	24.0	24.0			24.0		3	•		
	21.3	23.3	23.3	24.0		*	4			*	24.0		4	4	4	
0006	22.7	24.7	24.7	25.3	25.3	25.3	25.3	2		5	2	25.3			5	25.3
	26.0	30.7	30.7	31.3			-	-		-		-	-	-	-	
1 1 1000	34.0	39.3	39.3	0.04	40.0	0	0.04	0		0	0	0	0	0	40.0	0.04
	34.7	0.04		40.7	40.1	0	0	0			0	0	0	40.7	0	40.7
2000	36.0	41.3		42.0	45.0	42.0	45.0	42.0	42.0	42.0	45.0	45.0	45.0	42.0	45.0	42.0
1		41.3		N	2.	2	2.	7	2.	2.		2	7	2.	7	
141	38.0	43.3		44.7	44.7		44.7		44.7	4	44.7	44.7			44.7	44.7
	40.0	45.3						-	-		-		-			
3000		51.3		53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
	53.3	20.7					62.7	2					62.7		3	62.7
7 2000		70.0			72.0	72.0	72.0		3	72.0			2	72.0	72.0	
	61.9	70.7		72.7	72.7				72.7		72.7	2	2	72.7	72.7	
1500	0.99		78.7	80.0	80.0	80.0	80.0		0	80.0			0	0		80.0
	0000				•	*	0.48				84.0	84.0	*	*	*	
1000	67.3	80.0		85.3	85.3	85.3	85.3	85.3	85.3	85.3			'n		85.3	
	0.89	81.	84.0	86.7	. 9	36.7	86.7	86.7	86.7			86.7	.0		•	86.
008	68.0	81.	0.40	86.7	87.3	87.3			7.	87.3	87.3		-	87.3	87.3	87.3
	0.80	82.	85.3		89.3	89.3	0.06	0.06	0	0.06	0.06		0	0.06	0.06	90.0
8	0.89		90.0	89.3		1.06		2	92.7	45.7	92.7	92.7		92.7	•	92.7
	68.7	94.	87.3	91.3	93.3	93.3	95.3	0.96	0		0.96	0.96		0.96	0.96	96.0
8	68.7	84.	87.3	91.3	63.3	93.3	0.96	1.96	1.96	1.96	1.96		97.3	97.3	97.3	
		84.7	87.3	•	63.3	•		1.96	1096	1.96	1.96	0	97.3	97.3	97.3	
> 200		84.7	87.3	91.3	63.3	63.3	2.96	6.16	97.3	97.3	97.3	•	1.86	98.7	1.86	98.7
81	1.89	84.7	87.3		3.		1.96	97.3	97.3		0.86	98.0	66.9	•	•	99.3
		24.1	81.3	6.0	93.3	73.3	1.96	6.3	97.3	98.0			44.3	39.3	99.3	000

TOTAL NUMBER OF OBSERVATIONS

150

1

SMOS

0

36.0

26.0

24.7

36.0 36.0

39.3

42.7

58.7 64.7 74.0

68.7

78.7

88.0 88.0

0.88

88.0

88.0

88.0

86.7

86.7

86.0

84.7 66.7

84.0 86.0 87.3

82.0

80.7

78.7

67.3

88

ALAI

84.7

83.3

82.7

80.7

85.3

85.3

85.3

85.3 88.0

85.3

85.3

4.7

9007

2005

1.06

1.06

7.06

1.06 92.7

89.3 90.7

89 91.3

88.7

2.06 92.0

68.0

82.7 84.7

80.7

82.0 84.0

80.0

67.3 67.3

88

MIM

83.3 65.3

31.3

0.89

81.3 85.0

68.0

200

AI AI

92.7

92.7

92.7

92.7

7.46

10.76 95.3 97.3

94.7

7.46

1.96

94.7 93.3 95.3

91.3 92.7

95.3

65.3

95.3 95.3 97.3 97.3

61.3

#### ent 6

**CEILING VERSUS VISIBILITY** 

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

ICELAND KEFLAVIK,

73-77

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

SEP

HOURS (L S T MONTH 18

36.0 36.0 29.3 29.3 50.0 50.0 25.3 25.3 84.0 84.0 36.0 74.0 30.0 36.0 42.1 1.49 78.7 24.7 25.3 26.0 39.3 58.7 68.7 24.7 20.7 22.7 24.1 74.0 36.0 36.0 36.0 29.3 36.0 50.0 84.0 25.3 26.0 26.0 68.7 25.3 39.3 78.7 24.7 64.7 24.7 58.7 42.7 2 5/16 36.0 36.0 74.0 84.0 25.3 29.3 68.7 39.3 36.0 30.0 50.0 58.7 64.7 42.7 22.7 24.7 25.3 78.7 24.7 ٨١ 36.0 30.0 39.3 20.0 74.0 26.0 84.0 25,3 29.3 36.0 78.7 24.7 36.0 58.7 68.7 25.3 25.3 1.40 24.7 42.7 22.7 24.7 ۸۱ 50.0 29.3 74.0 78.7 84.0 25.3 25.3 25.3 25.3 36.0 26.0 26.0 36.0 36.0 36.0 36.0 39.3 1.09 64.7 24.7 42.7 22.7 24.7 58.7 58.7 ٨١ 74.0 29.3 36.0 36.0 78.7 78.7 64.7 58.7 68.7 83.3 83.3 84.0 36.0 50.0 24.7 39.3 25.3 22.7 24.7 24.7 42.7 42.7 ٨١ VISIBILITY (STATUTE MILES) 36.0 20.0 74.0 29.3 36.0 26.0 26.0 30.0 30.0 36.0 39.3 58.7 24.7 25.3 25.3 24.7 24.7 64.7 29.3 50.0 36.0 39.3 36.0 64.7 36.0 74.0 78.7 68.7 22.7 24.7 42.7 58.7 84.7 71 24.7 36.0 78.7 36.0 20.0 74.0 36.0 25.3 26.0 26.0 29.3 36.0 36.0 25.3 83.3 24.7 39.3 68.7 22.7 42.7 64.7 58.7 1 58.0 0.89 29.3 36.0 25.3 36.0 36.0 66.3 73.3 78.0 24.7 6.62 45.0 38.7 82.7 82.7 24. 22. 58.0 78.0 36.0 42.0 0.49 68.0 26.0 26.0 38.7 36.0 6.69 24.7 29.3 36.0 73.3 25.3 25.3 25.3 36.0 24.1 ۳ ۸۱ 0.49 0.49 36.0 29.3 56.0 57.3 58.0 58.0 24.7 25.3 36.0 36.0 36.0 36.0 42.0 42.0 42.0 49.3 49.3 49.3 66.0 67.3 67.3 72.7 72.7 78.0 80.0 80.7 38.7 38.7 38.7 24.7 74.7 76.0 76.7 24.7 24.7 22.7 36.0 29.3 36.0 25.3 25.3 36.0 36.0 25.3 25.3 26.0 26.0 78.0 80.0 22.7 24.7 24.7 20.7 11 63.3 36.0 29.3 24.7 35.3 36.0 36.0 71.3 25.3 24.7 22.7 24.7 28.7 0.84 24.7 35.3 35.3 38.0 61.3 63.3 0.99 67.3 67.3 35.3 41.3 61.3 24.7 24.7 22.7 24.7 24.7

TOTAL NUMBER OF OBSERVATIONS

150

99.3100.0

186

7.86

98.7

0.86

0.46

0.46

93.3

7.06

0.06

86.7

198

97.3

97.3

97.3

6.16

97.3

1.96

0.46

0.46

93.3

106

0.06

84.0 86.7

0.89

98

AI AI

93.3

90.7

86.7

84.0 84.0 0.48

82.0

0.89

82.0

0.89

80

AI AI

93.3 92.7

0.04

83.3 86.0 89.3

89.3

7.86

0.86

0.46

0.46

3.3

06

97.3

SMOS DIRNAVOCEANMET

16201

C

NO CEILING

× 20000

(FEET)

VI VI 18000 1 VI VI

12000

9000

AI AI

9000

ALA

4500

MINI

3500

AI AI

2500

ALAI

1800

ALAI

1200

ALAI

2000

AI AI

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

March   20   2.0	CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
CRIMING 22.7 24.0 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25	(FEET)			8											S		
24.0 25.3 25.3 25.3 25.3 25.3 25.3 25.3 25.3	NO CEILING	22.	24.0		4		.5	*			4	4	*		4		
27.3 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28.7	> 20000	24.	25.3		5	0	5	ċ	2	5	5	5	3	2	2	3	
10000 27.3 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28.7			28.7		00	8				00	-		00		00		
28.0 29.3 28.7 28.7 28.7 28.7 28.7 28.7 28.7 28.7			28.7			00				8			œ	00			
10000 28 0 29.3 29.3 29.3 29.3 29.3 29.3 29.3 29.3			28.7			8	00			00			00	0			
28.0 29.3 29.3 29.3 29.3 29.3 29.3 29.3 29.3		72	29.3			6	6	0		6	0	6	0	0			
28.0         28.0         29.3         29.3         29.3         39.0         30.0 <th< th=""><th>1</th><th></th><th>29.3</th><th></th><th>29.3</th><th></th><th>0</th><th>0</th><th>6</th><th>6</th><th>6</th><th>6</th><th>6</th><th>3</th><th>6</th><th>6</th><th></th></th<>	1		29.3		29.3		0	0	6	6	6	6	6	3	6	6	
31.3 33.3 33.3 33.3 33.3 33.3 33.3 33.3			29.3		29.3	6	0	6	0	0	ċ	0	0	0	0	0	
7000 36.0 36.7 38.0 38.0 38.0 38.0 38.0 38.7 38.7 38.7 38.7 38.7 38.7 38.7 38.7			33.3				3	3			*	*	4		*	*	
36.0 36.7 38.7 38.7 38.7 38.7 38.7 38.7 39.3 39.3 39.3 39.3 39.3 39.3 39.3 39			38.0		00		200			8	00	8	8	8	00	8	
36.0 38.7 38.7 38.7 38.7 38.7 38.7 38.7 38.9 39.3 39.3 39.3 39.3 39.3 39.3 39.3			38.7			8	8	8			6	6	5		6		
46.0 39.3 42.0 42.0 42.0 42.0 42.0 42.0 40.0 40.0			38.7		00	8	10	8	6				0		.6	6	
39.0 39.3 42.0 42.0 42.0 42.0 42.0 42.0 42.7 42.7 42.7 42.7 42.7 42.7 42.7 42.7	1		39.3		0		0	. 6	0	0	0	0	0	0	0	0	
3300 44.7 50.0 50.0 50.0 50.7 42.7 42.7 43.3 43.3 43.3 43.3 43.3 43.3 43.3 43			45.0		3	2.	2	2	2	2	2	2	2	2.	2	2	
3000 44,7 50.0 50.0 50.0 50.7 50.7 50.7 51.3 51.3 51.3 51.3 51.3 51.3 51.3 51.3	1		42.7			2.	.3	5.	3.	3	3	3	3	3	m	3	
2500 56.7 58.7 59.3 59.3 50.0 50.0 50.0 50.7 50.7 50.7 50.7 50.7			50.0		0	0	0		-	-	-	-			-	=	51.3
56.7 64.7 66.7 67.3 68.0 68.0 68.0 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7			58.7			0	0	0		0	C	0	1.00			0	60.7
1500 58.0 56.7 58.7 55.3 77.3 77.3 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0			64.7		-	8	80	100	0		00	00	00		60	00	
1500 61.3 72.0 74.7 75.3 77.3 77.3 77.3 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78.0			1.99		0			0	0	0		0	0	0	1001	0	7007
1200 62.7 74.7 78.0 79.3 81.3 81.3 81.3 82.0 82.0 82.0 82.0 82.0 82.0 82.0 82.0			72.0		5			-	8	100	00	00	8	20	•	00	78.0
000 04.7 77.3 80.7 82.0 84.7 84.7 84.7 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3	1		74.7		19.3	-4	-	=	~	2.	2		2	2	2	5	
500 65.3 78.7 82.0 83.3 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0	-		77.3		N	4			3	3	5		3	2	5	2	
65.3 78.7 82.0 83.3 86.0 86.7 87.3 87.3 88.0 88.0 88.0 88.0 88.0 88.0 88.0 88						5	5			0	9		0	0			
500 65.3 79.3 82.7 84.0 86.7 86.0 88.7 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90					83.3		0		-	-	8		8	8	8	8	
65.3 79.3 82.7 84.0 88.7 88.0 88.7 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90		*		82.7		86.7				8	0	0	0	0	0	0	
500 65.3 79.3 82.7 84.0 88.7 89.3 92.0 93.3 93.3 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7					4	0			8	8	ċ	0	0	0	0	0	
400 65.3 79.3 82.7 84.0 88.7 89.3 92.0 93.3 93.3 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0		5							3				3	*		;	
200 65.3 79.3 82.7 84.0 88.7 89.3 92.0 93.3 93.3 96.0 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7									10		5		0		0	•	
200 65.3 79.3 82.7 84.0 88.7 89.3 92.0 93.3 93.3 96.0 97.3 98.0 99.3 99.3 99.310 100 65.3 79.3 82.7 84.0 88.7 89.3 92.0 93.3 93.3 96.0 97.3 98.0 99.3 99.3 99.310				82.7								1.90	1.96				
0 65.3 79.3 82.7 84.0 88.7 89.3 92.0 93.3 93.3 96.0 97.3 98.0 99.3 99.3 99.310						88.7			3	3		97.3	7	8	8	8	98.0
0 65.3 79.3 82.7 84.0 88.7 89.3 92.0 93.3 93.3 96.0 97.3 98.0 99.3 99.3 99.310	-			82.7		38.7	6		63.3	3.	0	61.3			. 6	6.3	0
		5		82.7	4	88.7	0		63.3	•	•	97.3	œ	6	6	9.3	0

TOTAL NUMBER OF OBSERVATIONS

150

1 60

1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE

FROM HOURLY OBSERVATIONS)

ALL HOURS (LST.) SEP

100

1

60.2 39.3 52.7 45.6 4.06 27.9 28.0 76.8 84.5 69.7 ۸۱ 32.9 27.6 27.7 67.8 84.4 4.46 9.69 85.8 28.4 38.9 39.2 39.3 52.6 4.09 9008 88.9 8009 92.5 27.9 45.5 87.1 6.44 70.7 38.7 27.4 27.4 27.5 27.6 27.6 52.6 9.69 80.6 87.0 27.9 27.9 28.4 32.9 38.9 67.8 85.8 39.3 6.44 84.4 4.26 4.09 88.8 39.5 45.5 76.7 90.3 64.3 33.7 76.7 87.0 28.4 85.8 8.19 39.3 9.69 8.06 45.6 27.9 38.9 52.6 4.00 80.6 84.4 38.8 64.3 91.6 32.9 38.7 25.3 39.5 6.44 42.5 ٨١ 9.69 39.5 67.8 32.9 28.4 52.6 4.00 30.6 84.4 88.8 88.8 85.8 87.0 90.3 38.7 45.5 6.55 76.7 45.6 39.3 64.3 94.3 ٨١ 27.9 6.44 91.6 28.4 69.6 69.6 69.6 85.8 87.0 6.06 52.6 76.7 32.9 32.9 32.9 38.9 39.3 45.5 4.09 4.09 67.8 30.6 80.6 4.76 97.3 38.7 39.2 ٨١ 38.9 6.44 52.6 67.8 67.8 85.7 85.8 6.06 27.9 27.9 39.3 76.7 76.7 84.3 84.4 87.0 38.7 92.4 28.4 28.4 28.4 96.8 39.2 93.9 42.5 ۸۱ VISIBILITY (STATUTE MILES) 39.3 39.2 86.8 86.8 80.0 36.9 52.6 52.6 6.68 42.5 6.44 38.7 38.7 76.7 84.3 67.8 9.69 99.0 32.9 39.3 80.0 93.0 38.9 4.09 6116 27.9 27.9 39.5 6.44 85.7 42.5 71 85.5 6000 86.5 88.3 35.8 76.6 38.8 28.3 39.3 67.8 6.69 80.4 84.2 39.5 92.1 2.55 38.6 52.5 91.2 39.1 45.4 7 83.9 32.8 69.3 86.0 67.5 57.9 28.3 38.6 39.3 1.00 76.3 2.09 85.1 67.3 88.1 66.0 90.2 9006 38.8 39.1 42.3 52.3 44. ٨I 32.8 39.1 39.3 52.3 76.3 87.8 27.9 27.9 1.09 69.3 84.9 27.4 27.4 27.4 27.6 27.6 28.3 4.06 38.8 42.3 66.9 67.3 67.5 80.1 83.8 82.3 84.4 85.8 87.2 86.6 1.55 ٨١ 75.8 39.1 84.0 87.0 32.7 32.7 32.8 50.65 67.3 68.5 69.0 82.7 85.6 86.1 27.8 27.9 81.8 83.7 28.3 33.8 39.1 39.3 42.0 42.3 52.2 27.5 27.5 27.7 44. ۸۱ 29.6 51.9 4.44 75.1 11.9 83.3 84.2 28.2 38.9 83.1 84.3 80.9 38.7 ٨١ 51.4 38.9 73.4 38.4 15.8 27.3 39.1 78.0 27.8 28.5 58.9 79.1 80.2 81.0 6.44 78.7 27.8 45.0 0.99 60.4 10.0 38.7 26.6 27.2 31.2 37.0 37.2 39.6 4.59 66.3 6.99 41.8 54.3 1.09 26.8 36.5 36.8 26.4 8.97 28.7 1.49 66.5 66.7 6.99 24.4 6.99 6.99 6.99 66.7 NO CEILING (FEET) VI VI 00081 00081 ≥ 20000 1400 8000 2000 3000 2500 1800 800 88 88 80 4500 88 88 11 11 AI AI 11 11 ALAI ALAI AI AI ALAI AI AI AI AI AI AI ALAI AI AI

TOTAL NUMBER OF OBSERVATIONS

1200

1

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

HOURS (L S T 00

200

MONTH

YEARS PERCENTAGE FREQUENCY OF OCCURRENCE

FROM HOURLY OBSERVATIONS)

32.9 79.4 86.5 21.9 65.8 98.7100.0100.0100.0 25.2 25.2 40.7 60.7 ٨١ 82.6 21.3 21.9 22.6 32.3 33.6 19.4 86.5 22.6 21.3 32.9 65.8 87.7 32.3 40.5 0.69 83.9 92.9 40.7 52.3 60.7 89.7 90.3 1.96 21.3 22.6 20.0 32.9 21.9 52.3 21.3 21.3 21.3 25.2 25.2 32.3 32.3 33.6 46.5 0.69 19.4 82.6 83.9 86.5 89.7 22.0 90.3 92.9 40.7 65.8 87.7 60.7 22,6 86.5 32.3 21.3 21.3 22.6 35.9 40.5 89.7 51.9 32.3 33.6 19.4 85.6 6.26 95.5 20.0 21.3 52.3 65.8 0.69 83.9 87.7 90.3 4.16 40.7 7.86 60.7 ٨١ 19.4 20.0 33.6 0.69 89.7 8009 6.26 21.3 21.3 21.3 21.3 21.3 21.3 65.8 80.5 95.5 4.16 21.9 21.9 21.9 21.9 21.9 22.6 22.6 25.2 25.2 25.2 25.2 25.2 32.3 32.3 32.3 32.9 82.6 22.6 22.6 22.6 22.6 22.6 22.6 22.6 52.3 83.9 87.7 21.3 21,3 40.7 46.5 1.96 000 87.7 4.76 32.9 33.6 33.6 33.6 33.6 33.6 21.3 79.4 79.4 79.4 86.5 86.5 86.5 90.3 0.69 46.5 82.0 83.9 65.6 20.0 32.3 52.3 21.3 65.8 65.8 4.16 40.7 60.1 ٧I 52.3 22.6 22.6 46.5 0.69 82.6 82.6 69.7 92.9 92.9 95.5 32.3 32.3 32.9 32.9 40.7 83.9 4.16 60.7 60.7 87.7 87.7 87.7 90.3 ٨I VISIBILITY (STATUTE MILES) 0.69 21.3 21.3 6.06 49.5 8.96 83.9 65.8 52.3 52.3 40.4 VI 71 4.66 82.6 20.0 32.3 32.9 40.5 22.6 86.5 65.8 25.2 32.3 0.69 90.3 8.96 8.96 40.7 89.7 60.7 21.3 52.3 32.6 32.9 40.7 2.09 95.5 32.3 0.69 8.96 21.9 22.6 22.6 46.5 65.8 33.9 6.26 25.2 25.2 4.61 90.3 32.3 66.5 86.5 87.7 89.7 AI 19.4 21.3 33.6 33.6 65.8 21.9 32.3 32.9 40.5 82.6 92.3 21.3 32.3 8006 40.7 52.3 0.69 83.9 87.7 8. 76 96.1 96.1 89.7 009 2 2% 25.2 32.3 32.9 4.64 85.8 87.1 93.6 8.46 20.0 21.3 0.69 89.0 91.0 21.3 22.0 52.3 82.6 8.46 21.3 21.9 21.9 21.9 21.9 21.9 21.9 21.9 22.6 32.3 65.8 8.76 21.3 40.5 60.7 83.9 7.68 40.7 ٨I 0.68 32.9 33.6 33.6 33.6 21.3 21.3 21.3 22.6 31.6 32.3 32.3 32.3 32.3 32.9 32.9 32.9 46.5 63.9 65.8 76.1 79.4 82.6 83.2 87.1 8.06 0.69 20.0 83.9 51.0 52.3 76.8 81.9 85.8 0.68 21.3 21.3 21.3 31.6 32.3 32.3 32.3 40.7 20.7 21.3 21.3 21.3 60. 80.0 85.2 89.7 ۸۱ 20.0 46.5 22.6 22.6 58.7 59.4 64.5 66.5 84.5 84.5 18. 80.0 40.7 51.0 79.4 46.5 74.2 58.7 78.1 40.1 63.6 63.2 72.3 80.7 80.7 63.9 75.5 ۸I 0.65 24.5 65.8 39.4 44.5 63.2 2.59 65.8 65.3 20.7 21.9 58.7 65.8 65.8 NO CEILING (FEET) VI VI 00081 00081 2500 1800 80 × 20000 12000 2000 3000 1200 9000 450 400 400 88 88 88 88 AI AI AI AI ALAI

TOTAL NUMBER OF OBSERVATIONS

155

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7

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

DCT HONTH

		٨١	18.1		23.2	23.2		23.0	27.1	31.0	31.0	32.9	34.2	43.5	45.8	54.8	73.5	74.3	82.6		87.7	87.7	67.	900	2.0	43.0	07.0	100	100.0	100
03 NOURS (1.5		۷I	18.1	100	23.2	23.2		7		-	31.0	32.9	34.2			54.8	73 6			85.8	87.7	87.7	89.1	•		93.0	24.0	4.66	** 66	4.66
		2 5/16	18.1	18.7	23.2	23.5	23.9	23.9	27.1	31.0		35.9		43.2	45.8	54.8	73.0		82.6	85.8	87.7	87.7	89.7	20.3		6 6	0 4 4 0	98.7	7.86	98.7
		χ λ	101	0 1	23.2			23.9		31.0			34.2	43.5	2.	24.8	72.0	74.3	82.6	85.8	87.7	87.7	2000	200	0.16	0.50	0 . 40	98.1	1.86	96.1
		*	18.1	1001	23.5		53.9	23.9	-	31.0	-	35.9	*	43.5	45.8	54.8	72.9	14.7	82.6	85.8	87.7	87.7	200	2000	0.1	6.0	04.0	98.1	98.1	98.1
		۸I	18.1	1001	23.5	23.5	23.9	23.5		31.0	31.0	32.9	34.5			54.8	73.6	14.2			87.7	87.7		0	0.16	93.0	0.40	98.1		1.86
FREQUENCY OF OCCURRENCE HOURLY OBSERVATIONS)	ES)	- AI	18.1		23.5	23.5	53.9		27.1	31.0	31.0	32.9	34.5	43.5	45.8	54.8	23.5	74.3	82.6	85.8	87.7	87.7	89.7				740.2	90.9		8.96
FREQUENCY OF OCCURI	VISIBILITY (STATUTE MILES)	71	18.1	18.7	23.5	23.2	53.9	23.0	27.1	31.0	-	35.9	;	3	3	24.8	25.5			5.	87.7	87.7	49.7		41.6	6.26	2.4.2	96.8	· o	96.8
Y OF (	BILITY (ST.	V 1%	18.1	16.7	23.5		53.9	23.9		31.0	31.0	35.9		3	5	•	65.2	•			87.7	87.7	2.4	500	91.0	45.4	200	96.8	0	8.96
UENC LY OB	VIS	AI	18.1	18.7	23.5	23.2	23.9	23.9	27.1	31.0	-	32.9		43.5	45.8	54.8	72.5	74.9	82.6	85.8	87.7	87.7		ò	91.0	25.0	7.4.5	96.00	.0	8.96
FREG		2 2%	8	BIN	23.5	23.5	23.9	23.0	-	31.0	31.0	35.9	4		45.8	54.8	73.9		82.6	85.8	67.7	57.7	99.	0	71.0			95		72.3
PERCENTAGE (FROM 1		۸I	18.1	18.1	23.5	23.5	53.9	23.9	-	31.0	-	32.9		3	2	54.8	72.6	74.2	82.6	35.2	87.1	87.1	89.0	;	20.0		0.10	916	-	91.6
PERCE!		AI	18.1	18.7	23.5	23.5	23.9	23.0	27.1	31.0	-	32.9	4	3	45.8	54.3	73.9	76.97		85.2	87.1	87.1	0.40	0.00	1.69		0 0	90.0	0	80.3
		<b>%</b>		23.2	m	3	3	23.9	1	31.0	-	N	2	43.5	45.8	24.8	72.5	14.7	81.9	84.5		0	37.1	1	0	200		87.7	87.7	37.
		٨١	<b>33</b> (	20 1	m	(1)	20	9	U .	-	-	~	3		2	4	w -	4 6	0	-	N	NI	163		W 6	100	3 6	83.9	50	CO I
		5	16.1	10.0	21.3	21.3	51.9	21.9	25.2	29.0	29.0	31.0	32.3	38.7	41.3	48.4	55.5	000	65.5	69.9	67.7	67.7	010		•			9.80		9.89
	CEILING	(FEE)			71 VI 0009 0009	2 14000		0001		141	1	2000		1 4000		≥ 3000	71 2500		8 8		1000	8 AI		VI 78		88		8 8 M M	8	

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

0.5 HOURS (1.5.7.)

200

DC T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	5	٥ ٨١	\$ 1	7	1 3	≥ 21/2	2 4	VI 71	7	-	₹ Al	# AI	Z.	≥ 5/16	AI	٨١
NO CEILING	-	-		-	-	-	-	-	-	-	-	-		-	-	
> 20000	2	2	•	3	3	2	22.6	2	2.	2	2	22.6	22.6	2	2	22.6
1				4 .	. 4	4	. 4		*	*	*				*	
141	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	54.5	24.5	24.5	24.5
	*			4	*	4	;		4	4	*			7	24.5	24.5
170	5	5			5	25.2		25.2			3	25.2	25.2	5	25.2	25.2
	5	2		5	3	5	5.	5	5	5		5	3	5	5	3
8 8	5	-		5	25.2		25.2	25.2	25.2	25.2	5	25.2		5	25.2	5
1	6	6		6	6	6	6	6	6	6	6	6	6	6	6	6
141		0		0	30.3		30.3	30.3	0	0		0	30.3	.0	30.3	30.3
1	6	0		0	0	0	0	0	0	0	0		0	0	0	0
900	6	-			-			-	-		31.0	31.0		-	31.0	
		-		-	-	-	-	-	-	-	-		-	-	-	-
1 11	*			-	7	-	:		-	-			-	-		37.4
		0					0	0	0					0		40.0
300	N	-	47.1	47.7	-	-			7	-			-	-	47.7	47.7
	.0				6	6	6	6	0	0			-	6		59.4
200	-	00		5			6	6	6	0	•			6		69.0
		5		0	.0	0	.0	0	0	0			0	0	70.3	0
1 1 200	62.6	78.7		80.0	0	0	0	80.0	0		80.0	80.0	0	0		
	50		32.6	3	3		3	3	3	8			3		83.2	83.2
90	67.7	87.1		6	0	0	0	0	0	ò	0			0		0
	8	-		ċ	-		-	-:	-	-			-	-	91.0	91.0
8	8			91.0	91.6	-	91.6	-	91.6	-	:		91.6	91.6	91.6	91.6
	4.89	87.7			2		2	95.3	2	3	-	92.3	2	2		92.3
8	00	-	91.0	-		2.	6.76		2.	65.3	92.3		92.3	92.3	92.3	
	4.89			92.9	*			2.46	;		4	2.96				94.2
8	4.89	89.7	2	84.2		0			•	. 9	•		96.8	96.8	90.96	96.8
	4.89		2		96.1	1.96		4.16	4.76			97.4	4.16	97.4	97.4	97.4
38	8		N	* *		1.96	98.1			Œ	98.1		4.6	.00		0.001
91	4.89	89.7		64.2	1.96	1.96	98.1	98.1	98.1	98.1		1.86	4.66	0	0.00	100.0
		4			,			-			•	•	-		1	

TOTAL NUMBER OF OBSERVATIONS

155

1 00

DIRNAVOCEANMET SMOS

155

EE PEE

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

UC T

CEILING  (FEET)  2 10 2 6 2 5 2 4 2 3 2 2 2 1% 2 1% 2 1% 2 1% 2 1% 2 1% 2
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TOTAL NUMBER OF OBSERVATIONS

0

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12

# CEILING VERSUS VISIBILITY

KEFLAVIK, ICELAND

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 OC T

90 B

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	5 7	۰ ۸۱	V)	<b>AI</b>	ε Al	≥ 2%	7	71	¥1	<u>-</u>	a₹ Al	ar Al	VI St	≥ 5/16	≥ Al	٨١
NO CEILING	5		5	15.5	5	15.5		15.5	5	15.5		15.5		15.5	15.5	15.5
> 20000	17.4	17.4	-	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
	0	-	-	21.3	-		-			-	:	21.3	:	-	21.3	21.3
16000	-		2	55.0		25.6	22.6	22.6	22.6	22.6	22.6	22.6			22.6	22.6
	-	2.	2	55.6	5.	•	2.	2	2.	2.	2.	5.	2.	5	25.6	22.6
2 12000		2.	2	55.6		55.6	22.6	55.6	•	3	2	5		2.		22.6
	21.3	2	S	22.5	2.	22.0	2.	2.	2.	2.		2.	2.	2.	•	22.6
000	0.	23.5	3	23.5	23.5	10	23.5	23.2				3		3	23.2	23.5
1		29.0	0		6	o-	6	6		6		6		6		29.0
700		34.2	4	34.2	•		34.2		4	4				4		34.2
		34.8	*	. 4		34.8	4			. 4	*	*	*			
2000	6	35.5	5	35.5	35.5		35.5	35.5	35.5		35.5	35.5	35.5		35.5	35.
	.2	36.8	0	36.8	0		9	9	9	9		. 9	0	9	0	36.8
000	4.	40.7	0	40.7	0	0	40.7	40.7		40.7	0	0	40.7	0	40.7	40.
	0	43.2	3	•		3	3	3	3		3	23			3	43.2
3000	0	52.9	N	52.9		6.25	55.9			52.9	52.9		2	3		52.9
	7	50.7	0	0			0	0	0	0	0	1.09				60.
7 2000	64.5	70.3	70.3	10.3	70.3	0	70.3		70.3	70.3	70.3		70.3	70.3	70.3	70.3
	.2	71.0	-	71.0	-	-	-		-	-				-	-	71.0
≥ 1500	-:	78.7	0	0	0			0	0	ò	80.7		0	0	0	80.
	0	83.9	13	86.5	87.1	87.1	-	87.1			87.1	87.1	87.1	87.1	87.1	87.
0001 1	•		3	80.1	90.3		80.3	0	0	0	6.06	8000	90.3	0	6.06	90.
	•	87.1	0.69	200	0		0	8006	0	0		0	0	0	•	90
800	•			91.0	91.6	•	91.6	:	:	-	•	91.6	91.6	91.6	91.6	91.6
	11.0	87.7	6006	91.0	91.6	•	91.6	91.6		•	91.6		91.6	91.6	91.6	91.6
8		88.4	-	91.6	65.3	•	85.3	95.3	3	N	•	65.6	65.6	5	65.6	95.
	71.0	98.4	91.6	92.3	6.26	65.6	2.	65.6	5		93.6	93.6	34.5	94.2	34.5	. 76
007		6	6.76	93.6	8.56	94.8	95.5	65.5	95.5		96.8	96.8	4.16	97.4	4.16	97.4
	71.0	99.0		93.6	8 . 46	93.5	120	1.96	1.96	4.16	4.16	4.16	1.86	98.1	1.86	98.
> 200				93.6	8.46	1.96	4.16	4.16	4.16	98.7	98.1	68.7	4.66	100001	00.00	
8		0.68	95.3	93.6	8.46	1.96	4.16	7.16	4.16	98.7	98.	1.86	4.66	100.001	0.0	
٥	71.0	6	65.3	93.6	8.46	1.96	4.16	4.16	4.16	98.7	98.7	48.7	4.66	100.001	00.00	00.00

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

1 States

1338

1

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

RENCE	(6
ENTAGE FREQUENCY OF OCCURRENCE	A HOURLY OBSERVATIONS
JENCY C	Y OBSER
E FREGU	HOURL
NTAG	(FROM

1.5 L S T ...

DC T

CEILING VERSUS VISIBILITY

CERT   CERT   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   C   CERT   CERT   C   CERT   C   CERT   C   CERT   C   CERT		N 80 6	Ľ		i			1			-	
CELLING 18.7 18.7 18.7 18.0000 22.6 22.6 22.6 22.6 22.6 22.6 22.6	222222	1 4.6	1 1 2	۲۱ چ	7	_	.≱ ∧I	*	AI C AI	5/16	≥ª Al	٨١
22. 6 22. 6	222222	1 4.6		-			1.			8.7	18.7	
18000 22.6 22.6 22.6 22.6 22.6 22.2 23.2 23.2	32.25.		19.				*		4.6	4.6	6	
16000 23.2 23.2 23.2 23.0 23.0 23.2 23.2 2	32223	2.6 2	22.	22.	3	2.	0		5.6	2.6	2.	2.
12000 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5	23.	3.2 2	23.	23.	3		7.		3.5	3.2		23.2
24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5	25.	3.2 2	23.	23.		3.	7.	3.	3.5	3.2		3.
25.000 25.2 25.2 25.2 25.2 25.000 25.2 25.2	25.		24.	-	*		5.	54.5	4.5	4.3	24.5	24.5
25.6 25.8 25.8 25.8 25.8 25.0000 33.00 34.2 34.2 34.2 34.2 34.2 34.2 34.2 34.2	30.	5.2 2	25.	25,	5	5	7.	3	2.5	5.5	3	
2500 34 - 2 3 3 3 4 4 5 5 6 5 5 6 6 5 6 6 7 3 6 8 3 4 6 6 6 6 7 7 6 8 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	30.	5	25.	-	5	5	80	2	5.8	5.8	5	25.8
33.6 34.2 34.2 34.6 35.6 34.8 34.8 34.8 34.8 34.8 34.8 34.8 34.8		6 6.0	30.	1	0	0		.0	6.0	6.0	.0	0
2500 34.8 37.4 38.4 5000 34.8 34.8 37.4 38.2 55.8 34.8 34.8 35.5 36.3 3000 41.7 48.4 49.2 56.2 66.2 58.1 60.7 61.2 50.0 53.2 67.7 69.1 78.2 56.2 66.2 58.3 59.8 59.2 50.7 75.9 81.9 85.9 89.2 50.7 73.6 83.9 89.2 50.7 73.6 83.9 89.2 50.7 73.6 83.9 89.2 50.7 73.6 83.9 89.2 50.7 73.6 83.9 89.2 50.7 73.6 83.9 89.2 50.7 73.6 84.5 89.2 50.7 73.6 89.2 50.7 7	~	34.2 34.	4	-			2	34.2		4.2	34.2	34.2
2500 34.8 35.5 36.  2500 39.4 40.0 40.  2500 61.9 42.6 49.  2500 61.9 62.6 69.  2500 69.7 76.1 78.  2500 72.9 81.9 85.  2500 73.6 83.9 89.  2500 73.6 84.5 89.	34.	4.8 34	34.	34.			0.		8.4	8.4		
2500 35.8 37.4 38. 3500 47.7 48.4 49. 2500 58.1 60.7 61. 2500 61.9 65.2 66. 1200 72.9 81.9 85. 800 73.6 83.9 89. 800 73.6 84.5 89. 800 73.6 84.5 89.	~	. 9			0		7.		9	1.9	36.1	36.1
3500 41.9 42.6 43.3000 47.7 48.4 49.0 40.0 2500 61.9 65.2 66.7 61.7 69.1 78.0 69.7 76.1 78.0 72.9 81.9 85.0 73.6 83.9 89.0 73.6 84.5 89.0 73.6 89.0 73.6 89.0 73.6 84.5 89.0 73.6 89.0 73.	38.	8.1.3	38.	38.		8	7:	8	1.8	1.8		
3500 41.9 42.6 43. 3500 47.7 48.4 49. 2500 51.9 65.2 66. 1500 69.7 76.1 78. 1700 72.9 81.9 85. 800 73.6 83.9 89. 800 73.6 84.5 89. 800 73.6 84.5 89.	1.7 40.7	.7 40	7 40.7	40.7	40.7	40.7	40.7	40.1	40.7 4	7.0	40.7	40.7
2500 47.7 48.4 49. 2500 58.1 50.7 61. 1800 63.2 67.7 69. 1800 63.2 67.7 69. 1800 72.9 81.9 85. 200 73.6 83.9 89. 200 73.6 84.5 89. 200 73.6 84.5 89.		3.2 43	3	-			.2		3.			43.2
2500 58.1 50.7 51. 1500 53.2 57.7 59. 1500 72.9 51.9 85. 200 73.5 83.9 89. 200 73.5 84.5 89. 200 73.6 84.5 89.	4	64 0.	.64	40	6	0.64	0		40.64	0	0.65	0.65
2000 61.9 65.2 66. 1300 63.2 67.7 69. 1300 72.3 79.4 81. 1300 72.9 81.9 85. 200 73.6 83.9 89. 200 73.6 84.5 89. 200 73.6 84.5 89.		-	3 61.3	-	61.3	6119			-	1.3	61.3	61.3
1200 63.2 67.7 69. 1200 72.3 79.4 81. 1200 72.9 61.9 85. 1200 73.6 83.9 89. 1200 73.6 83.9 89. 1200 73.6 84.5 89. 1200 73.6 84.5 89.		90				6.99	.5	66.5		6.5	60.99	66.5
1200	9 0.	C	6	69.7		0	1.	1.69	69.7 6	2.6	1.69	69.7
1200 72.3 79.4 81. 1000 72.9 81.9 85. 13.6 83.9 89. 73.6 83.9 89. 500 73.6 83.9 89. 500 73.6 84.5 89. 500 73.6 84.5 89.			4.62 4.			19.4	4.6	4.61	0	4.61	4.61	19.4
72.9 61.9 85. 800 73.6 83.9 89. 700 73.6 83.9 89. 800 73.6 83.9 89. 800 73.6 84.5 89.		83.2 63.	3.	83.8	83.2		3.6	83.2	2	3.2	83.2	83.2
200 73.6 83.9 89. 200 73.6 83.9 89. 200 73.6 83.9 89. 200 73.6 84.5 89.		8.4 88	80	00	8		4.8	88.4	88.4 8	4.8	88.4	88.4
200 73.6 83.9 89. 200 73.6 83.9 89. 200 73.6 84.5 89. 200 73.6 84.5 89.	.1 89.0	. 7		600	6.06	6.06	. 3	6.06	90.3		6.06	90.3
200 73.6 84.5 89. 200 73.6 84.5 89.		-	6 92.3	95.3		3	5.3	85.3		2.3	92.3	92.3
500 73.6 84.5 89. 500 73.6 84.5 89.	0.16 0.	1.6 9	.26		65.6		65.6	6.26	0.	5.9	6.26	92.9
300 73.6 84.5 300 73.6 84.5	.0 92.3	•		0		2.76	4.2	2.46	6 2.46	4.2	2.46	94.2
300 73.6 84.5	.7 93.6	~	.96	6		4.16	4.	4.16	4.	4.1	4.16	97.4
300 73.6 84.5	.7 93.6	94.8 94.	. 9	0		7.86		18.1	98.7 9	8.7	1.86	98.7
3 4 0 4	.7 93.5	0	.5 97.4		4.66	120	4.6		6 5.66	5.6	4.66	4.66
200 (3.0 04.5		4.8 9	-	0	6			99.41	.01	0.01		0000
13.6 84.5	0.66 1.	94.8 95	97.	5.66	4.66	4.66	4.6	6	000.00	00.01	10.00	00.00
0 73.6 84.5	.7 93.6	4.8	\$ 97.4	0	0		_	14.66	10.0	00.010	10.00	0.00

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

T S 1) SHOOM DC T 18

JI W

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

31.6 31.6 31.6 41.9 65.8 75.5 21.9 82.6 34.2 68.4 85.8 88.4 91.0 96.8 27.1 27.1 31.6 87.1 88.4 31.6 34.2 41.9 82.6 85.8 0.16 8.46 20.7 22.6 43.9 57.4 31.6 4.89 51.9 23.2 65.8 75.5 49.7 92.3 96.8 18.1 68.4 85.8 0.16 23.5 31.6 57.4 27.1 31.6 31.6 31.6 43.9 43.9 43.9 43.9 43.9 43.9 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 4.89 82.6 8.76 31.6 34.2 67.1 51.9 22.6 22.6 41.9 75.5 18.1 20.7 96.8 92.3 51.4 75.5 85.8 88.4 88.4 31.6 31.6 31.6 31.6 31.6 41.9 41.9 31.6 31.6 31.0 31.6 31.6 4.89 23.5 27.1 8.46 7.86 18.1 0.16 34.2 32.6 82.6 82.6 85.8 85.8 85.8 87.1 20.7 21.9 92.3 92.3 98.7 98.7 98.7 Z Al 75.5 87.1 18.1 34.2 27.1 27.1 27.1 68.4 68.4 68.4 94.8 57.4 016 016 21.9 23.2 23.2 8006 98.7 20.7 \* 22.6 41.9 41.9 41.9 57.4 57.4 57.4 87.1 8.96 31.6 21.9 34.2 75.5 92.3 20.1 18.1 AI AI 82.6 82. 23.2 31.6 31.6 88.4 88.4 21.9 21.9 22.6 22.6 22.6 22.6 34.2 34.2 75.5 91.0 91.0 20.7 8.56 87.1 96.1 18.1 97.4 VISIBILITY (STATUTE MILES) 4.89 75.5 87.1 92.3 8.46 8.96 20.7 23.2 23.2 23.2 95.5 27.1 27.1 57.4 88.4 31.6 87.1 31.6 31.6 20.7 20.7 21.9 21.9 41.9 0.16 8.46 95.5 96.8 34.2 34.2 4.99 75.5 75.5 82.6 82.6 85.8 95.3 18.1 8.96 96.8 71 31.0 31.6 31.6 31.6 31.6 31.6 31.6 31.6 9.16 27.1 31.6 31.6 57.4 57.4 57.4 85.8 87.1 87.1 87.1 88.4 8006 34.5 8.46 4.89 95.5 95.5 6.14 92.9 92.9 95.5 ٨١ 82.6 82.6 4.89 4.89 66.5 81.3 83.2 84.5 85.8 85.8 90.3 21.3 21.9 21.9 21.9 21.9 21.9 31.6 31.6 65.8 65.8 6.0 6.26 6.26 6.76 18.1 23.2 27.1 32.9 34.2 34.2 34.2 34.2 34.2 34.2 39.4 41.9 41.9 41.9 41.9 20.7 2 2% 23.5 21.9 84.5 0.68 31.6 65.6 18.1 21.9 22.6 22.6 22.6 22.6 20.0 20.7 20.7 20.7 20.7 6006 ٨١ 52.3 57.4 57.4 57.4 31.0 31.6 31.6 31.6 67.7 68.4 21.3 21.9 21.9 21.9 23.5 32.9 34.2 34.2 34.2 84.5 86.5 88.4 8 73.6 74.8 75.5 65.8 81.9 83.2 85.2 84.5 86.5 **VI** 83.2 23.2 86.5 18.1 86.5 26.5 27.1 27.1 58.7 65.2 65.2 83.2 85.2 81.3 63.9 73.6 82.6 22.6 23.2 84.5 80.0 18.1 67.7 84.5 84.5 31.0 66.5 7.4 41.3 65.8 60.5 66.5 60.99 66.5 40.5 NO CEILING 18000 Y 14000 3000 88 80 (FEET) × 20000 900 2000 4500 2500 88 88 2000 900 88 88 AI AI 11 11 AI AI 11 11 AI AI AI AI AI AI

TOTAL NUMBER OF OBSERVATIONS

155

808

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

ICELAND

KEFLAVIK,

16201

(1)

33.6

0.64

60.7

70.3

72.9 80.0

20.02

20.02

# CEILING VERSUS VISIBILITY

STATION NAME ICELAND KEFLAVIK,

NO CEILING

≥ 20000

CEILING (FEET)

VI VI 00081 00081 00081

14000

2000

AI AI

2000

ALAI

4500

AI AI

3500

AI AI

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE

21 MONTH

1

20.0 20.0 23.9 20.7 20.0 25.2 0.64 91.0 20.0 23.9 33.6 39.4 4.6 70.3 12.9 80.0 85.2 23.9 89.7 89.7 60.7 80.0 20.0 2.52 91.0 12.9 20.0 0.02 23.9 23.9 33.6 39.4 0.64 70.3 89.7 4.6 20.7 85.2 89.7 53.9 60.7 2 5/16 6.21 20.0 25.2 19.4 20.02 53.9 33.6 0.64 91.0 20.7 23.9 53.9 80.0 70.3 89.7 20.0 39.4 85.2 89.7 60.7 20.0 0.64 12.9 89.7 91.0 9.6 53.9 2.52 33.6 85.2 89.7 0.02 20.0 23.9 80.0 80.0 4.6 23.9 39.4 70.3 20.7 1.00 0.65 20.0 23.9 33.6 72.9 19.4 20.7 39.4 1.09 70.3 85.2 1.68 0.16 20.0 20.0 20.02 23.9 23.9 25.2 89.7 20.7 70.3 0.64 85.2 23.9 91.0 91.0 20.0 23.9 23.9 25.2 25.2 33.6 39.4 1.09 80.0 20.0 89.7 ٨I VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 53.9 0.65 85.2 20.0 23.9 4.6 20.0 23.9 33.6 70.3 19.4 19.4 20.0 39.4 80.0 60.7 89.7 20.0 20.0 0.65 53.6 91.0 25.2 20.02 33.6 4.6 20.7 23.9 23.9 70.3 12.9 80.0 39.4 1.09 1.68 89.7 85.2 1 80.0 20.7 0.68 20.0 20.02 25.5 70.3 84.5 19.4 19.4 20.0 20.0 23.9 23.9 33.6 39.4 0.65 72.9 53.9 0.68 8006 60.7 1 6.82 10.4 40.7 25.2 23.9 0.64 20.0 20.0 33.6 69.7 61 39.4 5.3 19.4 4.88 4.89 83.9 89.7 2 2% 19.4 25.2 4.64 20.0 33.6 1.69 23.9 23.9 23.9 1.09 72.3 19.4 39.4 20.0 20.0 0.65 83.9 4.8 88.4 M Al 87.1 77.4 78.1 79.4 20.0 20.0 69.7 23.9 23.9 23.9 33.6 20.0 20.0 20.0 72.3 23.9 25.2 39.4 0.64 0.65 0.64 19.4 19.4 20.7 23.9 23.9 23.9 81.9 83.9 87.1 60.7 60.7 ٨١ 11.6 85.2 35.8 4.6 20.0 20.7 20.7 25.2 25.2 33.6 33.6 39.4 0.69 0.69 85.2 20.0 53.9 23.9 11 39.4 20.0 11.6 80.0 20.0 82.6 82.6 60.7 ٨١ 19.4 4.6 23.2 23.5 54.5 32.9 45.8 59.4 63.5 69.5 18.7 24.5 20.0 37.4 23.5 5.49 60.99 60.5 18.7 60.7 2

TOTAL NUMBER OF OBSERVATIONS

98.1

96.8

93.6

93.6

155

6.26

6.26

92.9 93.6

6.26

6.26

65.6

6.26

6.26

91.6 92.3

91.6

89.

87.1

66.5

88

ALAI

2500

ALAI

1500

ALAI

1200

ALAI

66.5

88

ALAI

87.1 89.7 92.3

93.6 2.46 8.96

93.6

93.6

93.6

93.6

93.6

2.46

2.46

96.8

90.8

8.96

96.1 96.1

196

8.46

93.6

93.6

90.3

87.7

66.5

88

ALAI

6000

38

AI AI

80

AI AI

8.46

93.6

92.9

94.2

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CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

ALL HOURS (1877) OC T

2 B

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(\$:						
(FEET)	71	٨١	\$ 1	AI	۸۱	≥ 2%	1 2	V 75	¥1 ¥	ŽĮ.	* AI	*	72	≥ 5/16	AI N	٨١
NO CEILING			00	000						00			100	<b>a</b> n	8	
> 20000			6	6	19.2	19.2	19.5	19.2	19.5	6	19.2			6		
	0		-	-	-	-	-	-:	-	-	-		-:	-		21.6
1 16000	-	22.1	22.1	22.1		•	22.1	22.1	•			3	3	22.1	5	
	-		2.	3	5.		2.	2.	2	2	2.	2.	7	2.	2.	22.1
12000	-		2.	22.7	22.7	22.7	•					22.7	2	3	•	22.7
	2		2.	2.	2.		2	2.	2.		2.	2.	2.	2.	2.	
8		23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
	9		.0	. 9	9	.0	9	0	9	9	9	9		9	9	9
141				0	30.9		•			ò	0		0	0		30.9
			-	-	:	-		-	-	-	-	-		-	-	-
2000	0		-	-	-				31.8	-	-	-	-	-	-	
			3	3	3	3.	3	3.	3	•	3	3.	3	3.	3	
141	-		6	0	39.4	39.4	39.4	39.4		39.4		6		39.4	6	
	0		2.	~	2.	à	3	2.	2	2.	2	2.	2.	2.		42.7
3000				0	50.5	0				0	50.5	50.5	0		0	
	*		0	0		0	0	0		.0		.0	0	-	-	-
7 2000	0		00	0	6	6		6	6	6	0	6	6	6	6	69.2
	:			-				-:	-	-	-	-	11.5	-	=	71.5
1500	.0		8	6	6	0	ò	80.1		0	0	0	0	0		
			2	. 47				*	•			•	84.4	4.	84.5	84.5
000					87.6	-	-		88.1	œ		0	8	8	8	
	6		9		88.3	90		6	•	6	89.0	6	89.0		6	89.0
8	6		1	00	6			0		0	0		0		4.06	4.06
					0	0				-	-		4.16		91.5	91.5
8	6	84.5	-	0.06	61.3	91.5	-	92.2	92.2	92.3	65.3	2	2.	92.3	2.	92.3
	0			0	92.7	2.				4						94.5
141	69.3	85.4	6		7.66	0.76	95.3	6.56	0.96	3.96	.0		36.5	96.7	46.7	196
		85.4	6	91.5				6.96	90.96	-	•	-			-	97.8
700		85.4	89.0	•	94.1	. 4	0	97.2	61.3	7.16		8	8	366	4.66	99.6
			6	61.5	1 . +6		96.5	3.16	97.3	41.1	7.86	500	0.66	66.8	66.1	66.66
0	6	85.4	89.0	61.6	1.76	•	•	2.16	6.16	1.16	98.5		6	66.8	99.71	00.00

TOTAL NUMBER OF OBSERVATIONS

1240

SOWS DIRNAVOCEANMET

KEFLAVIK, TCELAND

73-77

-11

VON HONTH

1961

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	5	9	\$ 41	1	6 AI	≥ 2%	N AI	41.4	¥1	-	۸I	<i>*</i>	Z.	2 5/16	AI.	AI
NO CEILING	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.
	24.7	27.2		-	-			-	-	-	27.3	27.3	37.3	27.	27.3	37.
00091	28.7	29.3	29.3	29.3	- 0	29.3		29.3	0	29.3	29.3	29.3	29.3	29.3	29.3	29.
	29.3	30.0	30.0	30.0	30.0	0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.
12000	29.3	30.0	30.0	30.0			30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.
	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.	30.	30.
0006	31.3	32.0	32.0	32.0	32.0		32.0	32.0	32.0	32.0	32.0	32.0	35.0	32.0	32.0	32.
1	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.1	34.7	34.7	34.	34.1	34.
7000	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	1 41.3	41.
1	40.0	40.1	40.1	1.00	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.	41.3	41.
2000	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.	\$ 41.3	41.
	40.1	41.3	41.3	41.3	45.0	45.0	45.0	45.0	45.0	45.0	42.0	45.0	0.24	42.0	0.24	42.
0004	44.7	45.3	45.3	45.3	0.05	46.0	46.0	0.94	46.0	46.0	46.0	46.0	0.04	46.0	0.95	40.
	45.3	46.7	40.1	46.1	47.3	47.3	47.3	41.3	47.3	47.3	47.3	47.3	47.3	47.	47.	47.
3000	60.7		62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	\$ 63.3	63.
1	000		69.3	6.69	70.0	0.01	0.0	70.0	70.0	10.0	70.0	10.0	10.0	70.0	0.01	70.
7000	72.7		77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.
1	0.41		19.3	79.3	80.0	0.00	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	0.08	80.
1500	80.0	86.0	86.7	86.7	87.3	87.3		87.3	87.3	87.3	87.3	87.3	87.3	87.	3 87.3	87.
1	80.7		88.0	88.0	88.7	68.7	98.7	1.88	68.7	88.7	88.7	88.7	88.7	88	88.	88
100	80.7		88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	1 88.7	88.
	80.7		0.88	88.0	58.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.	88.	88.
8	80.7		0.06	40.7	92.0	95.0	92.0	0.26	92.0	92.0	95.0	92.0	92.0	92.0	95.0	92.
	80.7		61.3	92.0	93.3	93.3	0.46	0.46	0.46	0.46	0.46	0.46	0.46	94.0	3400	. 96
3	80.7	89.3	92.0	92.7	0.46	0.46	7.46	24.7	4.7	88.3	95.3	95.3	95.3	98.3	95.3	95.
1	60.7		0.76	92.7	0.46	0.46	95.3	65.3	95.3	0.96	0.96	0.96	0.06	96.0	3.96	96
8	90.7		95.0	92.7	0.46	0.46	95.3	65.3	95.3	0.96	0.96	96.0	0.06	96.0	0.96	96.
1	30.7		92.0	92.7	1. 56	24.7	1.96	97.3	97.3	68.7	98.7	98.7	1.86	98.7	7.86 7	98.
200	80.7	89.3	95.0		64.7	95.3	81.3	0.86		9.3	0.00	00	0000	0	100	100
81	2009		0.76			•	-	0.86	0.86	6.3	0.0	0.0	0.00		10000	100
	200				1					•			-			

TOTAL NUMBER OF OBSERVATIONS

150

1 2

# CEILING VERSUS VISIBILITY

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

03 HOURS (1.5.T.) VON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	0	2.0	3.3	.3	0.4	-	1.1	-	0.9	.3			1.1	.3	0.0	0	6.3	2.0	1.3	. 3	6.7	.3	0.0	2.0	0.		0.9	6.7	8.7		33	0.0	0.0
	٨١	2	3 33	3 33	3	36	34	34	3	3	4	75	75	3 4	S	0 5	9 65	-		3	80		0	0	94	16		96 /		66 8	66 8	2	0
	AI	2.	33.3			34.	34.7	34.	36.0	37.3	44.	44.	44.	45.	50.0	54.0	65.3	72.0		:		89.3	•		94.0	94.	96.0	.06	.86	66	0	00	100.0
	≥ 5/16		33.3			34.7	34.7	34.7	. 0	37.3	*	44.7		5	20.0	. 4	65.3	2	61.3	81.3		6			0.46	1.56	0.96	1.96	18.1	66.3		0.0	
	2 11		13.3			1.00	14.7		36.0	1.3		1.4	-	5.3	20.0	0.4		2.0	1.3	1.3	1.9	6.3	0	2	4.0		0.0	-	18.7	m.	6.3	0.01	10.00
	x₽ ∧1	2.	3		4	4.7	4.7		0.9	7.3	4.7	1.4	4.7	5.3	0.0	0.4	5.3	2.0	1.3	1.3	2.4	9.3	0.0	2.0	6 0.4	4.7			8.7	66.3	en.	10.0	10.0
	۶. ۱۸	0	.3		0	4.13	4.7 3	4.13	6.0 3	.3	4 . 7 4	4 . 1 4	4.7.4		0	4.0 5	3			1.3 8		101	6 0.0	5.0 9	6 0.4	6 0.4	5.3 9	0	0		~		9.310
	-	.0	.3 3	.3	.0	. 7 3	.7 3	.7 3	0.	.3 3	.7 4	4 1.	.7 4	.3 4	0.	0.	.3 6	.0.	. w		. 7	w.	6 0.	000	6 0.	6 0.	.3 9	6 0.	6 0.	6 1.	.79	6.0	.3
(Sa)	۸۱	~	33	m	3		34	34	m	37	4	55		1	5	54	0.5	72	81		3	68			96		6		0		0	66	0
ATUTE MI	VI 3.	2	33.3	3.	34.0		34.7	34.7	36.0	37.3		44.7	44.7	0	0				81.3	81.3	. 9	89.3	90.0	92.0		*	95.3	0	•	98.7		99.3	•
VISIBILITY (STATUTE MILES)	VI 25.	2.	33.3	3		34.7	34.7		36.0	37.3	44.7		44.7	0	50.0	24.0	65.3		81.3	81.3	86.7	89.3	0.06			3	95.3	0.96	0.86	98.7	98.7	9.66	64.6
VISI	2 4	5.	33.3	3.	34.0	34.7	34.7	34.7	36.0		1.44	44.7	44.7	5.	50.0		65.3	2.	81.3	81.3		89.3	0.06	92.0		0.46	6.56	0.96	0.86	0.86	0.86		18.1
	≥ 2%	3	33.3		*	34.7	34.7	34.7	36.0	37.3	44.7	1.44	44.7	0	0	*	65.3		-	61.3	. 9	6	0.06	92.0	0.46	0.46	95.3		61.3	81.3	6.16	•	0.8
	۳ ۸۱		3.3	.3	0.4	34.7	34.7	3	36.0	37.3	*		1.45	3	20.0	0.4			81.3	81.3		89.3	0	95.0		*	62.3	0.96		1.96	1.96	37.3	97.3
	4	2	3.3	3.3	0.	4.7	34.7	1.4	0.9	37.3	4.7		14.7	5.3	0.	0	m	0	1.3	•	6.7	•	0.0	0.	0.4	0.46	0.4	0.76	0.4			20- 1	1.4
	80	2.0	3.3	3.3	0.4	4.7	.7	1.	0	.3			14.7	.3	0			0		.3	0.	. 7			1.			. 1	.7	. 7	-	7.76	-
	۰ ۸۱	2.0	3.3	3.3	0.4	4.7	1	1	0.9	3	4.7	4.1	4.7	5.3	0.0	0.4	5.3	2.0	0.7	2.0	4.7	0	2.5	0.	8.0	8.0	8.0	8.0	8.0	0.8	8.0	0	8.0
	2	0	63	.3	0		1		0		1.	1.	4 . 7 4	.3		.3	0			.3	.3	.3	0			. 7				1.		-	
Ö		0	20000	_	16000		12000	-	0006	-	7000	-	2000	-	4000		3000		2000	-	1500		0001		000	-	9		400		200	8	$\dashv$
CEILING	<u>.</u>	NO CE	۶ ۱۸		141		141	1	N N		IAI		1 11	1	1 11		IAI	1	NI NI		AI		141		٨١		۱۸۱				AI	AI	٨١

TOTAL NUMBER OF OBSERVATIONS

150

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CEILING VERSUS VISIBILITY JAN 78

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

0.6 NOURS (1.5.T.)

NON

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	٨١	30.0	30.7	32.0	32.0	33.3	42.7	63.3	59.3	74.7	78.7	38.7	90.7	93.3	96.3	99.00	00.00
	3 Al	29.3	32.0		32.0	33.3	42.7		0 0	74.7			0.7	94.0	96		99.31
	> 5/16	29.3		32.0	32.0	33.3	42.7	43.3	59.3	74.1			7.06	93.3	99.3	99.3	99.3
	Z.	29.3	30.7		32.0	33.3	42.7	43.3	50.0	74.0		83.0	90.06	93.3	98.0	98.0	98.0
	*	29.3	32.0	2.5	32.0	33.3	42.7	43.3	58.7	74.0			90.06	93.3	98.0	98.0	98.0
	A1	29.3	32.0	22	32.0	33.3	42.7			74.0	0 00	8 3	90.06		98.0	98.0	98.0
ES)	- AI	29.3	30.7	2 2	2 2	33.3	42.7	שו ומו	0 0	74.0	φ æ		90.06			98.0	98.0
VISIBILITY (STATUTE MILES)	7	29.3	32.0	122		32.3	42.7	43.3		74.0	000	83.3		92.0	95.3	97.3	97.3
IBILITY (ST	71	29.3	30.7	22	22	33.3	42.7	45.3		74.0	0 00	83.3	89.3	92.0	95.3	97.3	97.3
VIS	N AI	29.3	32.0			33.3	42.7	43.3		74.0		83.3	89.3	92.0	95.3	97.3	97.3
	2 215	30.0	00	200	32.0	33.3	42.7	43.3	58.7	74.0	40 to	82.7	88.7	91.3	95.3	95.00	95.3
	M Al	30.0	32.0		32.0	33.3	42.7	45.3	58.7	74.0	000	82.7	88.7	91.3	93.3	95.3	95.3
	<b>A1</b>	30.0	32.0	NN	32.0	33.5	42.7	45.3	58.7	74.0		86.0	68.0	90.7	92.0	92.7	92.7
	5 41	30.0	30.7	22	32.0	33.3	42.7	t t			78.0			00 00			
	٨١	30.	30.	32	32.	42.	42.	43.	58.	74.	75	83.	8 8	80 80 50 50	86.	8 8 8 9	36.
	5 71	30.0	32.0	32.0	32.0	42.7	42.7	42.7	56.7		72.0						
CEILING	(FEET)	NO CEILING	00081 V			VI VI 000 000 000 000	0009 A1 A1	VI VI 0004 0004	3300	17 17 2800	1800	VIVI 1200 1000	8 8	VIVI 8 %	8 8	8 8 1 1 1	80

TOTAL NUMBER OF OBSERVATIONS

150

SWOS DIRNAVOCEANMET

16201

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201 STATION

73-77

0.9 HOURS (1.S.T.) VON

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)
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TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

12595-05181

1330

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 HOURS (1 5 7 ) VON

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ŧ

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	£S)						
(FEET)	01 1	۰ ۸۱	\$ 41	*	۲۱ ۱۸	≥ 2%	7	¥1 Y	71	-	* 1	a€ Al	V V	≥ 5/16	Al	٨١
NO CEILING	. 9	16.7		16.7	16.7	.9	16.7	10.7		16.7		1601	10.1			16.
> 20000	-	18.0	18.0	13.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	13.0	18.0	18.
	0	20.0		20.0	20.0			•	0				0	20.0	0	20.0
00091 ~	20.7	21.3		21.3	21.3	21.3	21.3	21.3	21.3	21.3	:	21.3	21.3	21.3		21.3
	0	21.3	21.3	21.3	21.3	21.3	-		-	21.3	-	-	21.3	21.3		
7 12000	0	21.3		21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	:	21.3	:	21.3
1	21.3	22.0	22.0	22.0			2.	25.0		2	•	22.0	22.0			22.
000	22.0	22.7		22.7	22.7	22.7	22.7	22.7	•	22.7	22.7	22.7	2	22.7	2.	22.
1	24.7	25.3		25.3		25.3	5	25.3	5		25.3	25.3	25,3	25.3	25.3	25.
7000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	2.	32.7	2.	
	32.0	32.7		32.1	32.7		32.7	32.7		32.7	32.1	32.7			32.7	32.
2000	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33,3	33.3	33.3	33,3	33.
1	34.0	34.7		34.1	34.1	34.1		34.1			34.1			34.7	34.7	
000	40.0	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	::
	40.1	41.3		45.0	45.0	45.0	2	0.24	2.	42.0	7	45.0	2.		2.	42.
3000	48.0	20.0	20.1	50.7	50.7	50.7		50.7	50.7	50.7	50.7	50.7	50.7	50.7	0	50.7
1	26.0	58.0		58.7	58.7	58.7	58.7	58.7		58.7	58.1	58.7	20	58.7	58.7	58.
7 2000	0.40	1.99	68.0	0.89	8	0.89	0.89	0.89	0.89	68.0		68.0	0.89	68.0	8	689
	65.3	68.7		0.07	70.0	0.01	0	70.0	70.0	10.0	70.0	0.01	70.0		10.0	70.
1500	69.3	77.3		80.7	0	80.7		80.7		80.7	0	80.7	0	80.7	80.7	80.
1	10.1	81.3			86.0		86.0	86.0	.0	86.0						86.
000	70.7	82.0		88.0	88.7	88.7		88.7	88.7	88.7		88.7	88.7			88
	70.7	82.0		88.7	89.3	89.3	89.3	89.3	6	89.3	89.3	89.3	89.3	89.3	89.3	89.
80	70.7	83.3	89.3	91.3	92.7	92.7	.2	92.7	72.7	92.7	92.7	92.7	92.7	92.7	92.7	92.
	10.1	83.3		95.0		0.76		0.46	0.46	0.76	4	0.56		0.76	•	94.
9	70.7	83.3		0.26	0.46	0.46	95.3	65.3	6.56	95.3	65.3	65.3	95.3	95.3	95.3	95
	70.7	63.3		92.0	0.46	94.0	.0	0.96	1.96	1.96	61.6	97.3	97.3	97.3	61.3	97.
9	70.1	83.3	69.3	0.26	1.46	1. 56	2003	1.96	97.3	61.3		28.7	98.7	98.7		98
		63.3			1.56	1.46	1.96	1.96		97.3	-	1.86		48.7		
7 200	0	83.3		0.26	24.7	1. 76	60.1	1.96	97.3	61.3	1.86	2.86	66.3	866	•	66
81	70.7	83.3	89.3	0.26		1.56		1.96		61.3		1.86	99.3	66.3		000
	•	63.3	89.3	0.26	1.56	1.46	1.96	1.96	97.3	61.3	1.86	68.1	66.66	86.3	66.3	.00

TOTAL NUMBER OF OBSERVATIONS

130

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LS HOURS ILST NOV NOV

TOTAL NUMBER OF OBSERVATIONS

150

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DIRNAVOCEANMET SMOS

12595 06181

1550

1

9

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

LZE95-0E181

(FEET)

VI VI 00081 00081 > 20000

12000

8000 7000

ALAI

9000

AI AI

4500

AI AI

3000

ALA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T 18

NO.

50.0 21.3 0.04 0.44 20.7 32.0 32.0 32.7 59.3 68.7 99.3100.0100.0100.0100.0 21.3 21.3 70.7 0.06 80.7 90.7 91.3 0.06 0.86 21.3 22.0 0.04 16.0 0.26 20.0 85.3 8.0 20.7 23.3 59.3 91.3 95.3 0.44 68.7 93.3 24.7 30.7 32.7 34.7 70.7 80.7 7.06 59.3 0.26 32.0 0.06 16.0 20.7 22.0 40.0 0.44 50.0 21.3 30.7 10.1 93.3 95.3 98.0 98.0 23.3 68.7 85.3 1.06 91.3 24.7 34.1 80.7 21.3 32.7 22.0 0.26 6.12 32.0 24.7 0.44 50.0 10.7 0.06 61.3 93.3 16.0 0.8 21.3 23.3 30.7 0.04 59.3 68.7 85.3 65.3 80.7 40.7 20.7 32.7 34. 0.86 0.22 32.0 20.0 85.3 91.3 0.26 92.7 93.3 16.0 21.3 23.3 0.44 0.06 95.3 21.3 30.7 0.04 20.7 59.3 32.7 68.7 1.06 34.7 80.7 1001 85.3 91.3 91.3 20.7 21.3 32.0 50.0 22.0 22.0 30.7 0.06 7.96 16.0 21.3 21.3 23.3 23.3 32.7 40.0 0.44 59.3 68.7 70.7 80.7 91.3 61.3 24.1 34.1 1.06 70.7 0.44 20.7 30.7 32.0 85.3 0.06 16.0 16.0 16.0 21.3 34.7 34.7 50.0 1.06 40.0 59.3 80.7 80.7 24.7 32.7 68.7 91.3 92.7 92.7 96.7 97.3 97.3 94.7 VISIBILITY (STATUTE MILES) 0.04 50.0 0.06 0.22 0.44 59.3 21.3 21.3 23.3 70.7 85.3 61.3 18.0 20.7 21.3 32.0 58.7 30.7 32.7 7.06 61.3 24.7 85.3 0.06 80.7 21.3 0.04 50.0 18.0 23.3 59.3 68.7 91.3 20.7 22.0 32.0 0.44 7001 61.3 92.7 30.7 24.7 32.7 40.7 96.7 34.1 1.46 96.7 71 20.0 21.3 10.1 0.06 91.3 21.3 0.44 1.06 22.0 23.3 34.7 56.3 85.3 6.16 32.0 0.04 92.7 1.46 20.7 30.7 32.7 80.0 80.7 7.96 68.7 24.1 21.3 0.06 32.0 0.04 50.0 0.46 0.22 0.44 92.0 16.0 0.96 0.81 20.7 23.3 30.7 56.3 95.3 68.7 89.3 7.06 32.7 34. 100 84. 54. 21.3 23.3 30.7 1001 84.0 0.06 91.3 93.3 0.44 20.0 59.3 79.3 80.0 80.0 89.3 0.06 16.0 18.0 32.0 22.0 40.0 32.7 34.1 68.7 20.7 88.7 7.46 24.1 21.3 21.3 23.3 23.3 23.3 30.7 30.7 30.7 20.7 18.0 32.0 32.0 32.0 0.48 16.0 16.0 16.0 21.3 21.3 21.3 22.0 22.0 22.0 32.7 32.7 40.0 40.0 0.44 0.44 50.0 50.0 59.3 59.3 68.7 68.7 88.0 89.3 90.0 88.7 90.0 0.06 90.7 34.7 34.7 70.7 70.7 87.3 88.7 24. ۸۱ 18.0 83.3 88.7 24.7 24.7 24.7 20.7 20.7 88.7 ٨١ 34.7 1001 0.44 0.04 53.3 59.3 84.0 18.0 82.0 0.04 50.0 68.7 78.7 68.7 84.0 84.7 21.3 32.7 84.7 84.7 84.7 84.7 16.0 30.0 37.3 65.3 21.3 31.3 32.0 34.0 20.7 0.22 23.3 61.3 0.09 44.7 0.80 68.7 68.7 68.7 58.7 68.7 NO CEILING

2500

ALAI

1800

ALAI

1200

ALAI

88

AI AI

88

ALAI

88

AI AI

TOTAL NUMBER OF OBSERVATIONS

130

0.0010.0010.0010.0016.66

97.3

0.96

95.3

88.7

80

ALAI

88

0.96

6.16

0.0010.0010.0010.0016.66

SMOS

2 30

CEILING VERSUS VISIBILITY

16201

KEFLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

NOV

21 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	5	۰ ۸۱	\$ 1	* *	K 41	≥ 2%	7 1	VI 75	¥1 YI	-	× AI	*	N Z	≥ 5/16	AI	٨١
NO CEILING	24.7	24.7		25.3	25.3	25.3		25.3	5	25.3	25.3	25.3			25.3	25.
₹ 20000	25.3	25.3			26.0		26.0	•	50.0	9	0		9	26.0	26.0	56.0
	25.3	25.3		26.0	26.0	26.0	. 9		26.0		0	9	0		9	26.0
00091 3	26.0	26.0	26.0	26.7		26.7	26.7	26.7		26.7	26.7	26.7	20.7	26.7	26.7	26.
	26.7	26.7	26.7	27.3	27.3	27.3	27.3	27.3	•	27.3	27.3		27.3		27.3	27.
7 12000	26.7	26.7	26.7	27.3	27.3		27.3	27.3	27.3	27.3	27.3	27.3	27.3	-	27.3	27.3
	27.3	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.
8	27.3	27.3	27.3	28.0		00	28.0	28.0	28.0	8	28.0			œ	28.0	28.0
	30.0	30.0	30.0	30.7	30.7	30.7	30.7	0		30.7	30.7		30.7	30.7	30.7	30.
141	37.3	37.3		38.0	38.0	38.0	38.0		38.0	38.0	38.0		38.0	38.0	38.0	38.
	37.3	37.3		38.0	38.0	38.0				38.0	38.0	38.0	36.0	38.0	38.0	38.
200	37.3	37.3	37.3	38.0	38.0	38.0		38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.
	37.3	38.0		38.7	38.7	38.7			•	38.7	38.7	00	38.7	38.7	38.7	38.
004	42.7	43.3	43.3	0.44	44.0	0.44	0.44	44.0	44.0	44.0	44.0	44.0	44.0	44.0	0.44	44.0
	0.94	46.7			47.3	47.3	-	-		47.3		:	47.3	47.3	47.3	47.3
3000	*	54.7	54.7	55.3	55.3	5	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.
		65.3		0.99	0.99	0.90	.0	0	0.99	ç	9	9	0.99	0.99	0.99	66.0
700	0	74.0	74.0	5	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3		75.3	3	75.3
		74.0		75.3	75.3	5				78.3		75.3	2	75.3	75.3	
141		80.7	82.0	83.3	83.3	63.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3		83.3	
		85.3		88.7	88.7	88.7		88.7	88.7	88.7	88.7		88.7	88.7	88.7	88.
90	78.7	86.0	88.0	60	89.3	6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.
		86.0		89.3	89.3	86.3		89.3		89.3	89.3		89.3	89.3	89.3	68
8		87.3	89.3	0.26	0.26	92.0	92.0	95.0	95.0	95.0	95.0		95.0	92.0	95.0	92.
		87.3	89.3	92.0		92.0		92.0	•	92.0	92.0	92.0	92.0	92.0	92.0	92.0
8		87.3	89.3	92.0	92.0	92.0	92.7	92.7	92.7		92.7			92.7	92.7	92.
	78.7	87.3			92.7	92.7	93.3	0.46	4.7	4.7	1.56	4.1	7.76	94.7	1.56	. 56
8		87.3	0.06	92.7	0.76		7.46	65.3	0.96	1.96	1.96	1.96	1006	1.96	1.96	96.
	78.7	87.3	0.06	92.7		1.56	0.96	1.96	61.3	0.86		98.0	0.86	0.86	0.86	98.
7 30		87.3	40.1		65.3	95.3	1.96	6.76	0.86	8	7.86			98.7	7.86	.86
001	78.7	87.3	2006	63.3	6.56	68.3	1000	61.3	0.86	1.86	1.86	28.7	6.4	100.001	100.001	00.
		-	000	•	¥		-	,					1	-	-	

TOTAL NUMBER OF OBSERVATIONS

150

SOMS DIRNAVOCEANMET

0.

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

ALL HOURS (1.5.T.) VON HTHON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING																
(FEET)	5	9	\$ 1	7	N AI	≥ 2%	~ Al	VI 75	¥1	- AI	× AI	*	N Z	≥ 5/16	NI N	٨١
NO CEILING					-	-		:	-	1.	-	-	:	-	:	
> 20000				22.8	22.8	22.8	22.8	22.8	22.8	5	22.8	22.8	22.8	22.8	22.8	22.8
				œ.	3	3		3.	3.	**	m			3.	3	
14000				25.3	25.3	25.3	25.3		25.3	25.3	25.3	25.3	25.3	25.3		25.3
				5	5	2		5	5	5	5	3	5	25.8	25.8	25,8
12000				25.8	25.8	25.8	25.8	25.8		25.8	25.8	25.8	3		25.8	25.8
1 -						.0		0	9	0	0	0	0	0	26.	26.3
000	26.9		27.1	27.2	27.2	27.2	-	27.2	27.2	27.2		27.2	27.2	27.2		27.2
1					6	6	.6	1	5	0	0	6	3	6	29.	29.0
1 1 2 8 8 9					36.0	36.0	36.0	0		0				9	36.	36.0
1					0	.0	.9	0		0	0		30.3	9	36.	36.3
200			30.4			6.	36.7			36.7		36.7		36.7	36.	36.7
						37.7	37.7	37.1		-				-	10.	37.7
1 4 6 6 6				45.9	43.0	10				43.0	3	43.0	43.0	43.0	43	43.0
				46.2		0	.0	0		0		0		0	40.	46.3
3000				55.6	55.7	55.7	55.7	55.7	3	55.7	55.7	55.7	55.7		55.8	55.8
1			64.2		*	*	*		4	*	*	4.40		4	*	64.5
7000				73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5		73.5	73.6	73.6	73.6
				74.5		*		74.8		74.8	4 .	4	14.8	14.8	4	74.8
1200			81.0	82.1	82.3	82.3	82.5	82.5	82.5	82.5	82.5	2	82.5		82.6	82.6
				86.3	86.5			86.8	9	86.8		0	80.8			86.9
1000				88.6	89.2	0	89.5	89.3	89.5	89.6	89.6			89.7	89.7	89.7
				0		8 6 9	0		0	.0				90.3	0	90.3
8			-	90.8	41.7		95.0	95.0	92.1	~	92.2	85.2	2.	92.3		92.3
			-	•			5.	6		-	3	173		93.5	93.5	93.5
8	5		160	91.5		3	93.8	93.8	93.9	94.1	94.1	84.3	94.3	4.46	94.46	4.46
			1					65.3			5	0	3006	96.3		6.96
8	5		100	92.1		8.46		96.5		•	-	97.5		97.8	-	97.8
	'n		1 -		94.8	1.56		97.2		8.46		1			8	98.8
38	75.3	86.2	6006	92.2				4.16		8.		•			6	99.6
81	5		-	92.3	1.56	4.56	6.96	6.16	8.76	98.3	98.6	6.86	49.4	99.8	00	100.0
	u			•	1	-				•	4	•			•	1

TOTAL NUMBER OF OBSERVATIONS

1200

E ...

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

OO HOURS (LST) DEC

100

1

CELLING  OCELLING  0	× 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	V			× × × × × × × × × × × × × × × × × × ×	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	VISIBILITY (STATUTE MILES)  VISIBILITY (STATUTE MILES)  1 18-1 18-1 18-1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·	3		A papa a papa par o t n n n o t m par - a - n o o p		VI m m m m m m m m m m m m m m m m m m m		
8 8	63.9		00		86.5	86.5	87.1		-0	91.0	91.0		91.0	91.0	99	00
88	3		81.3	84.9	87.1	89.7	92.3	0 %		2 3	92.9	92.9		20	95	0
88 80	63.9	4.77	nnnn	00 00 00 00 10 10 10 10 10 10 00 00 00	89.7	89.7	92.3	92.9	92.9	95.5 95.5 96.1	96.1	96.1 96.8 96.8	96.8	96.8 97.4 98.1	96	8-100

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

1330

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

DEC

HOURS (L S T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	1	-	-	~	50	-	m	*	_	~	-	01	-	-	100	10		-		00	-	0	01	-	-	_	_	~	-	+	+	2
٨١	15.	15.5	16.1	16.	16.8	16.8											58.1	68.4	69.			3										
at Al			•	•			0	•	8.1	5.6	5.0	3.2	3.5	7.7	8.4	4.3	8.1	4.0	1.6													1006
\$/16	•		•	•	•	•	8	8	8.1	5.6	5.6	3.2	3.2	7.7	8.4	4.5	8.1	8.4	1.6	8.4	4.6	5.6	3.2	4.5	5.8	7.1	1.1	5.9	6.4	1.0		
z.									-:	9.	0	2.	2.	۲.	0	5	-	4	1.	00	4	9.	.2		80	-:	7.	6.		-		-
	-	-	_	~	_	-	-	-	_	2	2	~	2	2	-	4	2	9	9	-		œ	200	œ		80		6	0	7	, 0	-
<b>≭</b> ∧I	•							•	8	5	2.	3	3.	-	*	;	8	8	6	*	6	2	3.	. 4	2.	-		2	•	•	•	•
۸I	•			•				•	00	3	2.	3	3	7.				8	7	*	6	5.	3	;	3				•		;	•
-	5	5	. 9	•	•		•	•	8	2	2.	=	3.	-	. 5	;	00			*	6	2		•	5	-	:	-	6	3		3
¥ .			•	16.8	10.8	16.8		9	00	2.	2.	3	0	-		*	8	•	6	*	6	7			5.	.0		6	0	0	•	0
¥1					16.8			•	20	2	7		3.	-			8	*			6	2		;	5.				•	0	•	5
7				•					8 . 1	5.0	5.0	3.2	3.2	7.7	8.4	4.5		8 • 4	1.6	4.8	4.6	2.6	2.0	3.9	4.3	5.5			•	0.6	0.6	0.6
> 21/2			15.5	16.1	1001	16.1	16.1		4	5.	1.9	5.6	5.0	7.1	2.4	3.9	*	7.7	0.	3.6	7.4	0.0	0.1	1.0	5.0	3.2	3.2	2	0.0	0.0	0.0	0.0
8		•	~	0			16.1			:	:	5	2.	-	4	3		7	6	1	-	0	0	:	2.	3	3.	5	2	0	•	6
4	14.8	14.8	•		16.1	16.1	1001	16.1	17.4	51.9	•	2	2	-			57.4	67.1	80	2			18.1	4.61		0	80.7	81.9	81.9		•	61.0
\$ 41								•								•													•		3.00	5.
۰ ۸۱	80	0	. 5		7	-	6.1	6.1	7.4	1.9	1.9	5.0	5.0	-:	2.	6		-	4.	•	.2	7.	1.91	•	m	m	16.8					0.0
5	.2	.2	00	5	.5				8	.3	.3	•	•	8	.3	0	9.	7	. 7	4	. 1	.3	.3	•		·	.3	.3	.3			01.3
(FEET)	CEILING	20000	18000	16000	14000	12000	10000	0006	8000	2000	0009	2000	4500	000	3500	3000	2500	2000	1800	1500	1200	1000	006	008	700	9	200	007	300	200	8	
	10 26 25 24 23 22% 22 21% 21% 21 24 24 24 25 25/16 24 2	210 26 25 24 23 22h 22 21h 21k 21 24 24 2h 25 16 2k 2	CELLING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CELLING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	TERM 2 10 20 25 24 23 22% 22 21% 21% 21 24 24 25 25% 25 25 2 2 2 2 2 2 2 2 2 2 2 2 2	TERM 2 10 26 25 24 23 22% 22 21% 21% 21 2% 2% 2% 2% 2% 2% 2% 2% 2 2 2 2	TEUNG 14-2 14-8 14-8 14-8 14-8 14-8 14-8 15-5 15-5 15-5 15-5 15-5 15-5 15-5 15	CERUNG 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CERLING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CERLING 14.2 14.8 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CERLING 14.2 14.8 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CERLING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CERLING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CERLING 14.2 14.8 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CERLING 14-2 14-8 14-8 14-8 14-8 14-8 15-5 15-5 15-5 15-5 15-5 15-5 15-5 15	CERLING 14-2 14-8 14-8 14-8 14-8 14-8 14-8 15-5 15-5 15-5 15-5 15-5 15-5 15-5 15	CERLING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	TEUNO 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	TEUING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	THEN 2:0 2 6 25 24 23 22% 22 21% 21% 21% 21 24 24 26 25/16 27 25 15 2 14 8 14 8 14 8 14 8 15 5 15 5 15 5 15 5	THEN 2 10 26 25 24 23 22% 22 2 1% 21% 21% 21% 22% 24% 25 25 15.5 15.5 15.5 15.5 15.5 15.5 15.	CEULING 14-2 14-8 14-8 14-8 14-8 14-8 14-8 15-5 15-5 15-5 15-5 15-5 15-5 15-5 15	CEULING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 12.5 15.5 15.5 15.5 15.5 15.5 15.5	CEULING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 12.5 15.5 15.5 15.5 15.5 15.5 15.5	ERING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 12.5 12.5 15.5 15.5 15.5 15.5 15.5	CEUING 14.2 14.8 14.8 14.8 14.8 14.8 14.8 15.5 12.5 15.5 15.5 15.5 15.5 15.5 15.5	ERING 14.2 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CEUING 14.2 14.8 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CRILING 14.2 14.8 14.8 14.8 14.8 14.8 14.8 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5	CRILING 14.2 14.8 14.8 14.8 14.8 14.8 14.5 15.5 15.5 15.5 15.5 15.5 15.5 15.5	CRIUNC 14.2 14.8 14.8 14.8 14.8 14.8 14.8 14.8 15.5 15.5 15.5 15.5 15.5 15.5 15.5 15	CRINKO 14-2 14-8 14-8 14-8 14-8 14-8 14-8 15-5 15-5 15-5 15-5 15-5 15-5 15-5 15

TOTAL NUMBER OF OBSERVATIONS

155

1 =

SMOS DIRNAVOCEANMET

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

73-77

YEARS

0.0 4008 (1.5.7.)

**E** 

CY OF C	OCCURRENCE	TIONS)
REQUENCOURLY C	PERCENTAGE FREQUENCY OF OCCURRENC	FROM HOURLY OBSERVATIONS

CEILING																
(FEET)	5 VI	۰ ۱	\$0 A1	4	e VI	≥ 2%	7 1	VI 74	VI VI	-	AI AI	*	VI Z	≥ 5/16	AI N	٨١
NO CEILING	-	21.3			-		-	-		-	-	-	:		-	
> 20000	~	21.3	•	-	-	21.3	-	21.3	21.3	:	-	-	-	-		
	0	22.6		5	2.	2.	2.	2.	2.	2.	2	2	2.	2.	2.	
00091 ×	CA	22.6		22.6	22.6		22.6	2.		2	2	2.		2.	•	22.
	0	22.6				2.	2.	2.	2	2.	2.	2	2.	2.	2.	
2 12000	•	22.6		3		2.	•	2	2.	2	2	5		2	5	
1	0	22.6		2	3	2.	2	2.	2.	2.	2.	2.	2.	2.	2.	
000	0	23.2			177		3			*	3	3			3	
	-	54.5		*	*		4				4	*		*		
700	4	29.0				0				0	6	6		0	6	0
1		29.0		6	6	0	6		6	0	6	6			6	0
800	-	29.7		29.7	29.7		29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	0
	10	29.7		6	6	5	6	6	6	6	6	6	6	6	6	
004	0	34.2					;	*		4	*	;	;	*	;	
1		39.4		6	6		6		6	6		6	6		6	0
3000	~	50.3					-	-			-	-	51.0	-		
1	-	29.4		0	0	0	0	0		ċ	0	.0		0	0	
7 2000	-	5 . 59			-		-	-			67.7	-	1.	7		67.
	0	57.1		0	0	0	0	0		-	-	11.0		-	:	71.0
120	•	70.3				5	5	75.5	76.1	.9		.0	9	9	•	76.1
	-	13.5		ċ	81.3	-		-		2		2.		2.		82.6
000	~	77.4	81.3	63.0	2		-	-	87.7	87.7	1.		88.4	88.4	8	88.
	0	77.4		177	55.8	0	:		87.7	7.	87.7	87.7			88.4	
8	63.9	77.4	81.3	83.0		7.	87.7	~		88.4			89.0	89.0	89.0	
	63.9	17.4	-	84.5		87.1				. 6	89.7	89.7	90.3	90.3	8009	06
8	63.9	77.4	:		87.1	87.7	98.4	*	89.0	6	89.7	6	90.3	.0	8006	90.
	63.9	17.4		84.5	87.7		0-							92.3	92.3	92.
8	63.9	77.4	-	in	89.7	0	6.76	•	93.6	93.6	2.46	34.5	95.5		95.5	95.
	63.9		-	5		.0	2			*		*	90.8	97.4	91.4	97.6
7 200	63.9	17.4	81.9				~	3.		*	8.46			98.7	98.7	
	69.6	4.11	-	85.2	89.7	80.3	65.6	93.6	2.56	84.5	94.8	8 . 56	1.86	4.66	14.66	00.00
0	63.6		-	u				•	,	,	*		a		*	-

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

60 60 DEC

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CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	(S)						
(FEET)	5 1	۸۱	\$ 41	1	1 3	≥ 2%	12	2 7	7	-	AI	AI	7	≥ 5/16	AI	٨١
NO CEILING	21.9	23.2	23.2	23.5	23.5	23.5	23.2	23.5		23.2	23.2	23.2	23.2	2	1	23.2
> 20000		53.9	•	9	3.	3	3	3	-	3			3	53.	23.	23.9
		25.5	•		5.	5	5	3.	2	5			2.	25.	25.	25.2
2 16000		25.5			2		3	5	3	5			2	25.	25.	25.2
		23.5		5	è	5	5	5	2	5			5	25.	25.	25.2
2 12000		25.2	.:	5	5	25.2	3		5	30			5	25.	25.	25.2
		25.2		3		25.2	5		3	3			2	25.	25.	25.2
000		25.5	.:	25.2		•	3		5	25.2		25.5	2	25.	25.	25.2
1		50.97	:	9		0	9		0	9			0	50.	26.	26.5
7000		34.8	:	34.8		34.8		:	•	*	•		•	34.	34.	34.8
1		34.8	:			. 4	*	:	*	. 4			*	34.	34.	
2000		36.1	:	36.1		36.1	9		9	6.				36.	36.	36.1
1		36.1	:	0		9	0		0	.0		36.1		36.	36.	36.1
0004		38.7		38.7	38.7	38.7	38.7	38.7	8	38.7		38.7		38.	38.	38.7
		41.9	•	-			:	-	-	-		41.9	-	41.	41.	41.9
3000		0.64		0.64		6	6		6	6		0.64	6	.64	_	
		61.3	•	-			EV	2.	2	2			2.	02.	62.	62.6
7 2000		68.4		1.69		0	0		0	•		70.3	0	10.	70.	
		29.0	:	70.3			-	-	:	-		71.0	-	11.	1.	71.0
1500		75.5	78.1	80.0	-	-	:	-	:	-		-	-	81.		81.3
1		76.1		81.3	3		2.		2.	•	83.2	83.2	83.2		83.	83.2
000		76.8				. 4					85.2		3	85.	85.	
		76.8	81.3	83.2	5	85.2	5		3		86.5	86.5		86.		86.5
008		77.4	•	80			-	8	8	6			0	.06		
1		17.4		87.1	6	1.68	6		0			65.3	2	5	-	
9		77.4	81.9	87.1	89.7	89.7	89.7		0	-			2.	92.	-	92.9
		77.4	•	87.1	0	6.06	.0		:				4	5	-	34.2
8		77.4	•	87.1	0	80.3	92.3	93.6	6		96.1	8.96		0		4.16
38		17.4	81.9	87.1	600	80.3	65.6	2.46	34.5	8.46	96.8		•		98.1	98.1
		4.1	•	87.1	0	20.3	0		•					4.66	4.6	4.00
8		4:			5.06	20.0	65.6	2.00	200		*	100		4.00	4.66	44.6
	•		4.10	1.0	30.3	20.0	•	•	;	•	:			77.4	0.001	0001

TOTAL NUMBER OF OBSERVATIONS

155

# CEILING VERSUS VISIBILITY MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.2 DEC

CEILING							VISIA	VISIBILITY (STATUTE MILES	ATUTE MILE	£S)						
(FEET)	VI 02	9	\$ \$1	<b>*</b>	ε Al	≥ 2%	1 N	Y 75	¥1 VI	VI	₹ Al	3₹ A1	VI VI	≥ 5/16	NI NI	٨١
NO CEILING	4	4	4		14.8	14.8	14.8					*	4	4		14.8
> 20000	14.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
	-		17.4	18.1	18.1	18.		-	18.1	18.1	18		18.1	181	18.1	18.1
1 1 6000		8	18.7	19.4	19.4	19.4	19.4	19.4	19.4		•	19.4	19.4		19.4	19.4
	18.7	100	18.7	19.4	6	0		6	0	6	6	6		0		19.4
12000	19.4	10.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0		20.0		20.0	20.0
	5	19.4	19.4		0	0	0	0	0	0	0		0	0	0	20.0
000	19.4	19.4	19.4	20.0	20.0	0	20.0	20.0	20.0	20.0	•		20.02	20.0	•	20.0
1		2.	3	3.	50	177	*		3	-	3		23.2	-	•	23.2
141			31.6	32.3	32.3	N	32.3			32.3	32.3		32.3	2	32.3	32.3
1	0	31.6	-	3		~	2.		2	2.	7			2.	2.	32,3
888	30.3	31.6	-	32.3	2.		32.3	32.3	32.3		32.3	32.3	32.3	32.3	32,3	32,3
	0		-	2	2.		2		2	2			32.3	2.		
889	34.8		36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
								2	2	2.			42.6	2.		
3000	44.5	47.1	47.1	47.7	-		47.7	47.7	47.7	-	47.7		47.7	-	47.7	47.7
	51.0	54.	9	56.8	.0	56.8		0	56.8	56.8	50.8	56.8	56.8	56.8	56.8	56.8
7 2000	56.8	63		68.4	0.69	0.69	0.69		0.69	0			0.69	6	0.69	0.69
	27.4	. 40		1.69			70.3	0	10.3	70.3	70.3	10.3	70.3	10.3	10.3	70.3
1 1 200	58.1			77.4	78.1	78.1	78,7		78.7		•	78.7	79.4	79.4	10.61	79.4
1	56.1		6	-			82.6		32.6	5	•		83.2	83.2	83.2	83.2
141	58.1	76.1	81.9	83.9	85.8	50	86.5		. 9	86.5				87.1	87.1	87.1
	58.7			85.2	87.7	2	88.4	8		4.88	•	88.4	89.0	89.0	0.68	89.0
8	29.4		84.5	86.5	89.7	89.7	90.3	80.3	8.06	8006	90.3	800.3	91.0	91.0	91.0	91.0
	29.4	19.4	2	87.1	91.0	-	91.6	91.6	91.6	91.6	91.0	9116		92.3	92.3	92.3
8	59.4	4.64	35.2	87.1	6.26	92.3	6.26	6.26	65.6	92.9	65.6	65.6		94.2	2.46	34.5
	29.4	10.4	5	87.7	65.6		95.5	65.5		5	95.5	1.96	1.86	98.1	98.1	98.1
141	59.4	79.4	85.2	87.7		34.5	96.1	96.8	8.96	•	8.96	4.16	4.66	4.66	00.00	000
		19.4		87.7	93.6	2.56	1.96	96.8	8.96	8.96	96.8	4.16		40.4	00.00	0.00
141		79.4	35.5	87.7	3	*	96.1	90.6	•	. 9	•	4.16	4.66	99.4	00.00	0.00
	59.4		1000	87.7	93.6	24.2	1.96	8.96	96.8	8 . 96	8.96		4.66		00.00	0.00
١٨١			85.2	87.7		4		8.96	96.8	•	•	4.16	4.66	99.4	10000	0000
			1	1	1	1	1	1	1			1				

TOTAL NUMBER OF OBSERVATIONS

155

35

SOWS DIRNAVOCEANMET

16201

KEPLAVIK, ICELAND

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

73-77

1.5 HOURS (1.5.T.)

1000

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	2 1	o Al	\$ 1	AI AI	S AI	2 2%	V 2 VI	BILITY (STA ≥ 1%	VISIBILITY (STATUTE MILES)	83 71	AI	ar ∧i	S.	2 5/16	AI AI	٥
NO CEILING	10.3	10.3	11.0	10.3	110.3	11.0	10.3	10.3	10.3	10.3	10.3	11.0	10.3	10.3	11.0	10.3
N 18000	4	14.2		*										*		14.2
			*			•					•	•		14.8	•	14.8
2 14000				13.5	15.5		15.5	15.5	15.5		•	12.5	15.5		•	15.5
	2				•		15.5			•		•	•	•	•	15.5
Z 10000		16.8	16.8					16.8	10.8	•	16.8	•	16.8	•	16.8	16.8
- 1				10.8	16.8	16.8	16.8			•	•		•	16.8	10.8	16.8
	17.4					4.		1.4		-				-	17.4	17.4
> 7000	27.1	27.1		1.	27.1	7.	27.1	•	27.1		7		1		27.1	27.1
	27.7			1.	1.		•	•	1.		•	27.7		27.7		27.7
2 2000	28.4	28.4		60	28.4	28.4	28.4	58.4	00	8	8		*	00		
	29.0			0				6			29.0	0		6	29.0	29.0
141	34.8				*	34.8	34.8	34.8	34.8	34.8	*	34.8		34.8		34.8
	00			0		0		0	0		0		40.0		0	40.0
3000	41.9	45.6			43.5		43.2			3	43.5		43.5	6		43.2
			5	52.3	52.3			52.3	2	2	5	2	2.	52.3		
> 2000	3									100		3	63.2	3	•	
	5.		61.3	05.0	95.0		63.2		63.2	3	63.2		63.5	3	63.2	63.2
> 1500	. 9						74.2	•		74.2		74.8	74.8	74.8		74.8
			72.3		76.1	.0		76.8			17.4	-		78.1		78.1
1000	58.1	74.2		81.3	83.9		5	•		86.5	87.1	87.1	87.7	87.7	87.7	87.7
				69	63.9					86.5	•	-	87.7	87.7	87.7	87.7
00 AI	58.1		77.4	0.	85.2	12	38.4				89.7	2.68				6006
	58.1		18.1	82.6	5	86.5	89.0		8.06	-	016	•		92.3	65.3	95.3
00 AI	58.1	75.5		83.2	86.5	2	90.3	95.3	92.3	92.9	93.6	•		84.5	;	34.5
		15.5	18.7		87.1	œ	-	93.6	93.6				62.5	5	2.	95.5
VI 40		75.5	78.7	84.5	87.7	0.68	92.3	2.46	2.46		2	1.96		8.96	8.96	96.8
	00	18.5	78.7	*		0		8.46	8.46	98.5	1006			4.16	4.16	4.16
1 200		75.5	78.7	84.5	87.7		6.26		8. 56	68.5					98.1	48.7
VI 8	58.1	3	18.7	84.5	:	0.69	65.6	8. 76	94.8	200	7.06	8.96	1.86	98.7		4.66
٨١			78.7		87.7	6	5.		•	62.5			•	98.7	98.71	0.00

TOTAL NUMBER OF OBSERVATIONS

155

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DIRNAVOCEANMET SMOS

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (LST) DEC

200

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CEILING							VISI	VISIBILITY (STATUTE MILES)	TUTE MILE	(S						
(FEET)	5	۰ ۱	۶۰ ۸۱	AI AI	e VI	2 2%	7 1	VI 71	VI 71	- 1	AI	AF AI	VI Z	≥ 5/16	AI	٨١
NO CEILING	11.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.9	12.3	12.3	12.3
1 100001	2					100	3 50		m	100	3	3	100			
1 41	2	1		13.6	13.6	13.6	13.6	13.6		13.6	13.6		13.6		13.6	13.6
	2.	3		14.2		14.2	14.2	14.2				*			14.2	14.2
× 12000	2	;					14.2	•	•		;			•	14.2	14.2
-	4			15.5	15.5	15.5		15.5		15.5	15.5	15.5	5	15.5	15.5	15.5
0006 ×I		5		•	•	15.5	15.5		15.5	15.5	2	2.	2	•	2	15.5
	*				•	9	.0	0	•	.0	9		0	•	•	
7000	0	•		55.6	22.6	22.6	22.6	2.	3.			55.6	55.6	2.	•	25.6
	0	:		2		22.6	2.	2.	2.		5.	22.6	2.	2	5	
2000	0	2			3	3			3		3		9	6	9	
	2.	*		25.2		25.2	25.5	2	2	3	3		3	5	25.2	
4000	-			6	6	9.		29.7	6	. 6	6	6	6	29.7	6	29.7
				3	35.5	35.5		0	2	5	2	35.5		2	2	
3000		-			5.		5.	2			2	5.	2	2	5.	
	2	2		53.6	3	23.0			3		3		3		23.6	53.6
> 2000	3			10	5	20						9	0			
	3		64.5	66.5		6000	67.1	1.19	67.1	67.1	67.1	67.1	-	67.1	67.1	67.1
1500	5	*		00	œ	000	6		6	0	6	19.4		•		
	. 9	9		82.6	95.6	82.6	83.2	83.2	3	83.2	3	83.5		83.2		83.5
1000		90			6.	. 9			87.1		3	4.88	8		88.	
	.0	78.7		87.1		87.1	87.7	\$8.4	00	89.7	39.				89.7	89.7
≥ 800		œ		87.1	1.		0.68		6		-	91.0	-	91.0	016	0116
	0	00	80.7	87.7	8	4.89	2.68	0			91.0	91.6	-	-	-	91.6
000	.0	6		58.4			65.3	65.6	6.26	. 4	;		*	8 . 46	8.46	
	.0	0		0.68	-		93.6	•	*		•	8 . 96		4.16	4.16	4.16
1 40	. 9	80.0		89.0	91.6	91.6		8.46		0		8.96	4.16	98.1		98.1
	. 9	0		0.68	-	-	93.0		8.46	8.96		96.8	00	186		98.7
7 200	. 0	0	81.9	89.0	91.6	91.6	93.0	•	8 . 46		•		00	186	98.7	7.86
VI 001	. 9	0		0.68	-	-		8 . 46	8. 46	. 9	•	8 . 9	98.7	4.66	5.6	0.00
- [	•	0		89.0	91.0	91.6	93.0	94.8	5	96.8	¢	96.8		4.66	14.66	0.00

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 HOURS (1 S T ) DEC

8448

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(ree)	71	٨١	\$5 A1	۸I	٨١	≥ 21/5	7	71	۷۱ ۶۲	<u></u>	۶۰ ۸۱	# ∧I	7	≥ 5/16	≱ Al	٨١
NO CEILING	19.		20.0	0	0	0	0		0	0	0	0	20.0		0	20.0
≥ 20000	-		20.0	20.0		20.0	20.0	20.0		20.0	20.0	ċ	20.0	20.0	20.0	20.0
	0		21.3	21.3	21.3	21.3	21.3	21.3	21.3	-	21.3	21.3	21.3	-	21.3	21.3
2 16000	0		21.3	21.3	21.3	-	21.3	21.3	21.3	21.3	21.3	-	21.3	21.3	21.3	21,3
	0		21.3	21.3	21.3		21.3	21.3	21.3	21.3	21.3	-	21.3	21.3	21.3	21.3
2 12000	0	21.	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
	21.3	21.	21.9	21.9	21.9	51.9	21.9	21.9	51.9	21.9	51.5	51.9	51.9	51.9	21.9	21.9
0006	manife the	22.	22.6	22.6	22.6	22.6	22.0	25.6	22.6	22.6	25.6	55.6	22.6	55.6	22.6	22.6
	5		23.9	23.9	23.9	43.9	23.9	23.9	23.9	23.9	23.9	53.9	53.9	23.9	53.9	23.9
1 7 1000	27.7		28.4	28.4	28.4	28.4	28.4		28.4	28.4	28.4		28.4	28.4	28.4	28.4
1	-		28.4	58.4	28.4	28.4	28.4		28.4	28.4	28.4		28.4	28.4	28.4	28.4
2000	27.7		28.4	28.4		28.4	28.4	28.4		28.4	28.4	28.4	28.4	28.4	28.4	28.4
1	27.7		28.4	28.4		4.82	8	28.4	28.4	8	28.4	28.4		28.4		28.4
1 11	31.6	32.	32.3	32.3	32.3	32.3		32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32,3
1	35.5	37.	37.4	37.4	37.4	37.4			37.4				37.4	-		37.4
3000	44.5		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
		01.	61.3	61.3			61.3	-		61.3	61.3	61.3	61.3	61.3	61.3	61,3
7 2000		70.	70.3	71.0	71.0	71.0	71.0	-	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
		71.	71.0		71.6	11.6	71.0	71.6	-	71.6	71.6		1	71.6	71.6	71.6
1500		100	76.8	78.7	78.7	78.7	78.7			•		78.7	78.7	78.7	78.7	78.7
		18	80.0	0.10		54	83.2	83.2	83.2	83.2	•		83.2	83.2	83.2	83.2
1000		79.	81.3	83.2		83.9		84.5		85.2			85.2		85.2	85.2
		79.	81.3	83.2	83.9	83.9	84.5	34.5		85.2	85.2	85.2	85.2	85.2		85.2
8	61.9	79.	81.3	83.9	85.2	85.2			85.8	86.5	86.5	86.5	87.7	87.7	87.7	87.7
		61	6.10	85.2	87.1	87.7	88.4		88.4	89.0	0.68	89.0	8006	90.3	90.3	90.3
00		79.	81.9	85.2	87.7	4.88	89.7	89.7	89.7	91.0	91.0	91.0	92.3	92.3	92.3	92.3
		.61	81.9	85.8	88.4	0.68	90.3	0.16	0.16	93.6	93.0	93.6	8.46	8.76	8.46	94.8
141			81.9	85.8	88.4	89.0	91.0	9.16	91.6	94.2	34.5	34.5		95.5	95.5	95.5
			81.9	83.0	39.0	1.69	91.6	65.6	65.6	95.5	1.96	1.96		98.1	1.80	98.1
141	61.9	79.4	81.9	85.8	0.68	89.7	91.6	65.6	•	95.5	1.06	1.96			7.86	4.66
			81.9	•	89.0	1.68	91.6		65.6	65.5	1.96	1.96	1.86	98.1	1.86	4.66
0			61.9	85.8	89.0	89.7	91.0	65.6			1.96	1.96		98.1	98.7	00.00

TOTAL NUMBER OF OBSERVATIONS

155

16201 STATION

STATION AND STATION NAME

SE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST) DEC

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	٨١	17.3	18.6	19.0	19.1	19.2	000		27.7	27.8		28.7				58.0		4.69	4.17	81.8	86.2		88.8		92.1	0.76	9.96		0.66	0.00	
	NI N	17.3	•	19.0	•	•	00		27.7	27.8	28.4	28.7	33.5	38.3	1.94	28.0	68.2	4.69			86.2			30.5	92.1	0.46	96.6	1.16	98.8	99.4	1
	> 5/16	17.3		•	19.1	19.5	0 0		27.7	27.8			3.	38.3		58.0	8	6	77.9	81.8	86.2	87.0	88.8	90.5	92.1	0.76	8.96		98.2	98.6	-
	Z Al	17.3	18.6		16.1			•	27.7	-	28.4	28.7	33.5	38.3	46.1	20		•	•	81.8	86.2	•	88.8	60.06	92.1	0.46	96.3	61.3	6.16	96.1	-
	*	17.3	18.6		•	•	. 0	-	27.7			28.7	3	20	•	28.0	8	6	77.8	-			4.88	1.06	91.5		98.4		6.96	96.5	
	۸I	16.9	18.6	•	16.		000		27.7			28.7	33.5	38.3	1.05	58.0	68.2	4.69					88.4	1.06	91.5	3.5	85.5	0.96	96.1	96.1	
(S:	_ AI	16.9		19.0	•	19.2			27.7	27.8				38.3		8		4.69	7.	81.5		86.6		80.8	91.1	92.7	94.6	98.3	4.56	95.5	
VISIBILITY (STATUTE MILES)	¥1	16.9	18.6	19.0	•	•	0.0	•	27.7	-	28.4	•	33.5	•	46.1		68.1	69.3			85.4	86.1		89.1	80.3	91.6	43.4			93.9	١
BILITY (ST.	۷۱ ۲۲	16.9		19.0	•	19.2	00		27.7	-	28.4	28.7	3				0.89	69.5	-		85.3	0	87.6	89.	90.2	91.5	93.3	3	3	93.8	
VISI	AI	16.9		19.0	•		0.0	19.7	27.7		28.4			38.3	46.1	-	61.9	69.1	77.5		85.2		87.3	88.6	9.69		92.3		92.7	92.7	
	1 2%	16.9	18.6	18.9	19.0	19.1	•		27.6		28.3	28.6		38.2	9	57.1			77.2	80.7	34.4	0.58	86.2	87.5	88.3	0.68	0.06	.0	90.2	90.2	
	۸I	16.9			19.0	19.1	19.0		27.6	-	28.3	28.6	3	38.2	46.1	57.7	67.7		77.0	80.6	84.3	84.8	86.1	87.3	88.0	88.6	89.5	89.1	89.7	89.7	
	VI	16.9		18.9	•	10.1			27.6		28.3			·		57.6	-	68.6	76.5	79.8	82.7	83.2	0.48	84.8	85.0	85.4	85.9	85.9	85.9	85.9	
	VI VI	16.8							27.5		28.2	28.6	33.0	38.1	45.7	57.2			74.3	77.4		80.2	80.7	81.1	81.3	( ) ( )	81.7	B1.7	81.7	81.7	-
	Ø Al	15.8																												77.9	
	9	16.5																											•		ч
Series of the se		S NOON	2 18380	1 18000	0009	13000	0000	NOW 3	7000	9000 ×	0006		000+ 1	-	3000		2 2000	-	1500	-	1000		008		009		1 40		700	80	

TOTAL NUMBER OF OBSERVATIONS

1240

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

KEFLAVIK, ICELAND

16201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL MOURS (LST.) ALL

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CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES	(\$3)						
(FEET)	21	9 11	8	1	M Al	2 2%	۲ ۸۱	¥1	71	- AI	۶ ۸۱	*	Z AI	≥ 5/16	N N	٨١
NO CEILING	40		18.9		0		6	0.		.6	6	6			6	19.0
> 20000	0		19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	6		6	19.9	6	19.9
	0		21.4	-	-	-	-	-	-	-	-	-	-	-	-	21.5
2 16000	-		21.8		-	51.9	-	-	21.9	-	-	:	-	-	-	21.9
	-		22.0	2.		2.	2.	2	2	2	2	7	2	2.	2	22.1
> 12000			22.1		2.	22.2		3	2.	3	2.	5.	2		2.	22.3
	-		22.5	5		2.	2.	2.		3	2.	5,	7	2	2	22.6
0006	3		23.0	3		3	3	3	3	3	m		m	277	3	23.1
	*		25.7	2		3	5.	5	3	2	2	5	5	0	2	25.8
1 7000	0		30.7		0	0	.0	30.8	30.8	30.8	0	30.8		ċ	30.8	30.8
	3		31.2	-			-	-	-	-	-		-		-	31.4
2000	.0		31.8		-	31.9	-	-	-	-	-	-	-	-	-	2
1	0		32.4	N	2.			2.	2.	2	è	2.	7	2.	2.	2
141	*		36.7	9	;	.0	9	9		.0	9		9	9	9	36.9
	0		39.9		0	0	0	0	0	0	0	0	0	0		0
3000	N		9.95	0		. 9			•	9	.0		0	9	9	46.9
	0		55.4	5	5	5		3.		5	3		5	3	2	5
1 2000	5		64.5	3		5	5	2	3	4	3	3	2	5.	3	
	.0		0.00	. 9		0	. 9	9		9			-			
1500	.0		74.0	75.0	75.4	75.4	75.7		5	75.8	75.8	75.8	2	15.9	5	75.9
	-		17.5		6		6	0		0	0	0	0	0	80.3	80.3
1000	3.		81.4			*	*	2	5.	85.2	2		3	2	2	
	100		81.9		. 4	0					86.1	0	0	86.2	86.3	86.3
008	3		83.2		9	.0	-	-	-	8	æ	00	8	œ	88.5	
	(4)		83.9	86.3	8	8			6		6		0	0		1.06
9	3		84.4	9	8			0	0	-	:	-	:	-	:	
	*		85.0	6.78					2.		3		3		3.	
141	179		85.4	•	-			2.46	*			92.6	;	96.1	;	36.5
300			85.4	86.7	61.5	-	•		95.1	9	1.06		-		91.6	91.6
	3		85.5			5.	. 5	39.5	3		:	:	0			98.8
8	63.6	31.3	25.5	00 c	91.6	92.0	1.46	65.3	4000	196.1	4.10	01.0	4.00	2000	1.66	66.5
	0		02.0			. 7	3	23.3	40.00		:			0	2703	0000

TOTAL NUMBER OF OBSERVATIONS

14601

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MONTH

5704 SKY COVER JAN 68

SKY COVER

KEFLAVIK, ICELAND 16201 STATION

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PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
-	0	-	2	8	-	8	9	7	<b>∞</b>	6	10	SKY COVER	OBS.
	4.6	2.0	4.6	2.0	0.	5.5	7.2	10.5	11.1	7.2	41.3	7.5	153
	3.2	1.3	3.2	2.6	3.5	6.1	5.5	7.6	11.7	7.6	48.1	8.0	154
	1.3	1.9	4.5	4.5	3.0	3.9	50	7.6	7.1	7.1	50.0	7.8	154
	9	2.6	6.5	3.9	3.9	1.3	3.2	5.8	10.4	11.7	50.0	8.0	154
	2.6	1.9	1.9	1.9	6.1	3.9	9.	3.9	15.6	17.5	44.8	8.2	154
	1.3	1.9	1.9	1.9	3.0	4.5	2.6	3.9	11.7	18.8	47.4	6.0	154
	0	4.5	3.2	3.9	2.6	6.1	4.5	6.5	15.5	16.8	40.0	7.9	155
	3.9	5.5	3.2	1.9	3.9	20	5.5	11.6	7.6	1.6	40.0	4.	155
	2.3	2.7	3.6	2.8	3.4	3.6	4.7	7.7	11.6	12.3	45.3	7.9	1233

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SKY COVER

KEFLAVIK, ICELAND 16201 STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(L.S.T.)	0	-	2	6	7	3	•	7	80	6	01	SKY COVER	OBS.
FEB	00	5.0	3.5	2.8	2.8	6.3	5.0	4.3	5.7	9.5	9.2	48.2	7.6	141
	03	3.5	2.8	3.5	4.3	6.3	3.5	7.1	2.1	12.1	7.1	49.6	7.7	141
	90	2.8	2.8	4.3	5.7	4.3	2.8	4.3	5.0	5.6	8.6	48.9	7.7	141
	60		5.0	3.5	2.1	2.8	6.3	2.1	2.5	18.4	12.8	40.4	7.9	141
	12	2.1	. 7	2.8	4.3	2.1	4.3	. 7	5.7	15.6	15.0	46.1	8.2	141
	15	1.4	4.3	2.8	8.2	2.1	3.5	2.0	6.4	11.3	10.6	51.8	20	141
	18	2.1	2.1	4.3	7.	3.5	2.1	4.3	7.1	6.6	17.0	46.8	8.	141
	2.1	3.5	2.8	3.5	5.0	5.7	3.5	4.3	4.0	7.8	7.8	49.6	7.6	141
TOT	TOTALS	2.6	3.0	3.4	3.5	3.6	3.6	0.4	5.6	11.7	11.3	47.7	7.9	1128

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SKY COVER

KEFLAVIK, ICELAND 16201 STATION

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73-77

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	6	4	5	9	7	80	6	01	SKY COVER	0.07
MAR	00	2.6	2.6	2.6	5.5	3.2	6.1	5.8	5.8	6.5	9.0	54.00	9.0	155
	03	1.9	2.6	6	4.5	4.5	6.1	3.2	6.5	5.5	4.	\$9.4	5.2	155
	90	9	1.3	1.3	5.8	1.9	3.9	5.5	5.2	6.5	11.0	57.4	4.8	155
	60		1.9	1.9	3.2	3.2	5.2	2.6	5.5	10.3	12.3	54.5	4	155
	12	9.	1.3	2.6	2.6	2.6	2.6	2.6	5.2	11.0	12.3	56.8	15	155
	15		2.6	1.9	1.3	3.9	5.5	3.9	5.5	4.	16.8	51.0	4.	155
	1.8	9.	1.3	2.0	3.9	1.9	4.5	2.6	3.9	2	20.0	\$2.9	5.0	155
	21	4	1.9	1.9	5.2	1.3	1.3	3.5	7.1	4.1	10.3	57.4	5.	155
TOTALS	ALS	6	1.9	2.1	4.0	2.8	3.3	3.6	5.5	7.9	12.5	\$5.5	4.8	1240

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5704 SKY COVER JAN 68

SKY COVER

KEFLAVIK, ICELAND

16201 STATION

73-77

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL		150	150	150	061 9	5 150	150	150	7 150		
MEAN	SKY COVER	8.6	9	8.6	8.6	5.8	32	0.6	630		
	10	61.3	62.0	58.7	56.0	58.7	0.09	7.49	59.3		
	6	11.3	5.3		12.7	12.0	10.7	6.7 14.0	14.0		
	œ	200	10.7	6.7 10.0 10.7	10.0	0	12.7 10.7	1.9	0.0		
SKY COVER	7	3	5.3	6.7	7.3	4.0	4.7	9.6	0.0		
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	9	0.4	0.0	2.0	5.3	4.7	4.7	2.7	0.4		
OF TENTHS	s	2.0	1.3	3.3	1.3	30	2.0	2.0	2.7		
FREQUENCY	,	2.7	3.3	0.4	3.3	1.3		2.7	2.0		
PERCENTAGE	8	2.0	113	1.3	1.3	3.3	1.	1.3	1.3		
	2	1.3	1.3			2.7	3.3	1.3	3.3		
	-	2.0	2.0	2.0	2.0	1.3			1.3		
	0	1.3	1.3	.7	7	7					
HOURS	(L.S.T.)	00	03	90	60	12	15	18	21		
	MONIH	APR									

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5704 SKY COVER JAN 68

SKY COVER

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PERIOD

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KEFLAVIK, ICELAND

16201 STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MOM	(L.S.T.)	0	-	2	6	7	5	9	7	œ	6	10	SKY COVER	088.
MAY	00	3.2	5.2	5.8	1.9	60	2.6	4.5	7.1	7.6	9.7 10.3 45.8	45.8	7.0	155
	03	2.6	7.1	5.2	4.5	1.9	9.	3.9	2	14.2	14.2 12.3 41.9	41.9	7.5	155
	90	3.9	5.8	3.5	5.6	3.5	2.6	2	6.5	5.5	5.2 16.1 47.7	47.7	7.7	155
	60	4.5	5.5	3.2	5.2	2.0	3.2	3.2	3.2	4.	8.4 15.5 45.8	45.8	7.6	155
	12	3.2	7.7	3.9	3.9	2.0	6.1	3.9	7.1	5.7	9.7 14.2 41.9	41.9	7.4	155
	15	1.3	0	3.9	6.9	3.5	3.2	3.5	6.3	7.6	9.7 10.8 40.0	0.04	7.5	155
	18	3.2	3.2	4.5	3.9	3.2	3.5	5.0	5.8	10.3	10.3 10.3	46.5	7.7	155
	21	3.9	4.5	5.6	7.1	2.0	4.5	1.9	7.7		8.4 11.6 45.2	45.2	7.5	155
ρ	TOTALS	3.2	5.6	0.4	2,	2.9	7.7	3.7	6.5	2	9.5	4.44	7.6	1240

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5704 SKY COVER JAN 68

SKY COVER

KEFLAVIK, ICELAND 16201 STATION

73-77

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	6	-	3	•	7	ω	6	01	SKY COVER	OBS.
N	00	.,	2.0	0.4	1.9	1.3	1.3	2.7	3	11.3	18.7	48.0	8.2	150
	03		4.0	0.4	2.7	2.7	20	2.7	0.4	7.3	16.0	53.3	503	150
	90	.7	3.3	0.0	2.7	4.0	2.0	2.7	4.0	10.7	14.7	51.3	8.2	150
	60	1.3	4.0	2.7	2.0	2.3	1.3	2.0	1.0	12.7	12.0	52.7	00	150
	12	7	2.0	2.7	1.0	1.3	3.3	3.3	5.3	6.6	10.7	48.7	2.8	150
	15		2.0	5.3	4.0	3.3	5.3	2.7	0.0	11.3	17.3	42.7	8.0	150
	18		2.0	1.3	4.0	2.7	4.0	1.3	6	12.0	20.7	42.7	80	150
	21		1.3	5.7	3.3	1.3	3.3	4.7	5.3	10.0	19.3	44.7	90	150
TOT	TOTALS	*	2.6	3	4.0	2.4	3.0	2	5.5	10.6	10.9	48.0	8.2	1200

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

155 155 155 155 155 155 155 155 TOTAL NO. OF OBS. MEAN TENTHS OF SKY COVER 8.4 4.8 8 8.5 4.8 8.3 8.2 4. 61.3 62.0 52.3 51.0 50.3 60.0 65.2 54.2 2 10.3 7.7 12.3 0.6 14.8 16.8 14.6 17.4 0 6.5 9.4 10.3 8 4.5 7.1 5.5 11.0 œ PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 4.5 3 4.5 5.8 5.6 3.9 4.5 -3.6 4.5 30 1.3 3.5 1.3 1.9 9 3.9 1.9 ... 5.6 1.9 2.6 6. 2.6 1.3 3.9 1.0 1.3 3.5 3.9 4.5 3.9 2.0 2.6 3.2 5.5 5.2 • 2.0 4.5 2.6 2.0 3.5 2.6 ~ 6 1.9 2.6 3.2 -6 1.3 1.3 1.3 0 0 0 HOURS (L.S.T.) 60 12 15 18 00 90 21 03 MONTH 100

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155		1240
MEAN	SKY COVER	8.3	8.3	5.0	4.8	4.0	4.8	80°	80		4.8
	10	61.3	62.6	0.09	\$7.4	53.5	58.7	2.45	55.5		97.6
	٥	0.6	10.3	12.3	14.8	12.9	7.7	12.9	16.1		6.7 12.0
	80	6.9	1.9	6.9	5.5	7.6	0.6	4.	6.5		6.7
KY COVER	7	3.2	3.2	3.2	5.2	9.0	5.	4.5	3.2		4.7
OF TOTAL S	9	1.3	0	9	1.3	2.6	4.5	5.6	1.9		2.1
OF TENTHS	5	3.9	3.9	3.9	6.5	1.3	2.6	3.2	9		3
FREQUENCY	,	2.0	2.6	5.5	9	1.9	3.2	3.2	3.2		2 • 8
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	8	4.5	5.2	3.2	4.5	2.6	6.1	5.5	5.2		4.0
	2	3.9	6.5	3.0	3.2	0	3.0	3.2	50		4.3
	-	2.6	0	1.3	3.2	1.9	2.6	1.9	9.		89-1
	0	1.3	1.3			0		0	1.3		9
HOURS	(L.S.T.)	00	03	90	60	12	15	18	12		SI
	MONIH	AUG									TOTALS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(1.5.T.)	0	-	2	8	4	8	•	7	ω	6	01	SKY COVER	0.00 0.05
SEP	00	7.	5.3	4.0	5.3	0.4	7.3	0.4	12.0	7.8	9.0	40.7	7.4	150
	03	2.0	3.3	4.7	7.3	0.8	4.7	50	5.3	0.3	4.0	47.3	7.3	150
	90	7.	0.9	3.3	4.7	4.7	6	6.7	4.7	5.7	11.3	0.94	7.7	150
	60		2.7	4.7	4.7	60	60	0.4	6.7	6.3	16.0	43.3	7.9	150
	12	2.0	2.0	2.7	0.4	0.4	4.7	5.3	6.7	6.3	17.3	40.0	7	150
	15	7.	2.7	1.3	4.0	4.7	3.3	5.3	6.7	11.3	13,3	44.7	8.0	150
	1.8	.,	2.0	5.3	3.3	5.3	1.3	2.7	5.3	8.0	18.7	47.3		150
	21	1.3	0.0	3.3	2.7	4.7	3.3	5.3	6.6	0.9	13,3	44.7	7.7	150
101	TOTALS	1.0	3.8	3.7	4.5	5.1	3.9	4.8	7.6	6.7	12.7	44.3	7.7	1200

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SKY COVER

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Tark On	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH.	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIE	(L.S.T.)	0	-	2	8	7	3	9	7	ω .	6	01	SKY COVER	OBS.
130	00	6	3.2	4.5	5.8	1.3	3.2	5.2	3.9	5.2	8.0	0.09	8.0	155
	03	6.3	2.6	3.9	3.2	1.9	6	6.5	4	10.3	11.0	47.7	7.8	155
	90	3.2	2.6	5.5	3.9	3.5	3.2	3.9	4.5	7.1	7.7	55.5	7.9	155
	60	9.	3.2	0	4.5	2.6	3.9	3.2	7.1	11.0	18.1	43.9	90	155
	12	9	10	1.3	1.9	1.3	3.9	6.5	6.3	15.5	16,1	42.6	000	155
	15		3.2	5.0	3.2	3.2	2.6	1.3	3.2	7.6	18.7	49.0	8.2	155
	18	9.	2.6	2.6	3.2	6.1	3.9	5.6	, c	8.4	14.2	54.2	8.4	155
	21	9.	1.9	3.9	3.2	9.0	1.9	5.	5.8	7.1	0.6	36.8	8.3	155
101	TOTALS	1.5	3.1	3.6	3.6	2.4	3.1	9	5.7	9.3	12.6	51.2	8.1	1240

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	8	4	2	9	7	ω .	6	01	SKY COVER	OBS.
NON	00	2.7	1.0	5.3	4.7	2.7	1.3	7.3	0.0	10.0	10.7	42.7	7.4	150
	03	3.3	2.0	0	0.0	6.3	0.0	3.3	10.0	0.8	0.8	8.0 40.7	7.2	150
	90	1	3.3	6.7	6.7	0.9	2.7	0.9	0.0	0.8	1.0	47.3	7.5	150
	60	7.	2.0	2.7	4.0	2.7	4.7	7.8	1.8	9.3	13,3	43.3	7.9	150
	12		3.3	3.3	.,	2.7	3 3	0.9	13.3	8.7	20.7	38.0	0.8	150
	13		2.7	3.3	2.0	2.0	.7	4.7	10.0 14.7	14.7	21.3	38.7	8.2	150
	91		2.0	20	2.0	2.7	1.3	7.3	7.3	13.3	12.0	48.7	8	150
	2.1	2.0	2.7	6.7	4.7	0.4	2.7	2.7	10.0	10.0	12.0	42.7	7.6	150
TOT	TOTALS	1.2	3.1	4.9	3.9	3.7	2.6	5.3	3.	10.3	13.1	42.8	7.8	1200

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS					PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
3.1.)	1 2			6	-	*	8	۰	7	ω .	6	01	SKY COVER	OBS.
20 3.2 2.6 1.9 3.2	2.6 1.9			3.2	-	4.5	1.9	10	6.3	13.5	7.1	49.7	7.9	155
03 3.9 1.3 2.6 1.3	9 1.3 2.6	-	-	1.3		3.0	2.6	3.9	8	11.6	1.6	53.5	8.2	155
16 3.2 .6 1.3 3.9	.2 .6 1.3			3.9		4.5	6.5	5.8	5.0	11.0	4.8	0.65	7.9	155
09 .6 1.9 3.2 5.8	1.9 3.2	3.2	2	5.8		20.5	5.2	7.7	33	7.6	7.7	46.5	7.7	155
2 1.9 1.9 3.2				ch	~	3.5	2.6	3.2	0.6	15.5	18.1	41.3	2.0	155
1.3 .6 2.6 1.9	.6 2.6 1.	-	-			1.9	9.	5.5	11.0	7.7	17.4	49.7	8	155
3.2 1.3 1.9	1.3 1.	1.3 1.	-	1.9		3.5	2.6	0.	7.1	10.1	13.5	0.64	4.0	155
21 2.6 1.3 1.9 3.9	1.9	1.9		3.9		4.5	4.5	4.5	4.7	0.6	0.6	49.0	8.0	153
					1									
1.9 1.7 2.1 3.1	1.7 2.1			3.1		3.0	50	8.	7.6	11.8	11.4	48.5	8.1	1240

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) KEFLAVIK.—ETC(U)

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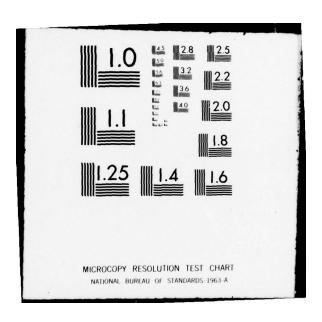
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5704 SKY COVER JAN 68

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

16201 STATION

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PERIOD

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	3	•	3	9	7	8	6	01	SKY COVER	00.0F
JAN	ALL	2.3	2.7	3.6	2.8	3.4	3.6	4.7	7.7	11.6	12.3	45.3	7.9	1233
a u		2.6	3.0	3.4	3.5	3.6	3.6	4.0	5.6	11.7	11.3	47.7	7.9	1128
MAR		6	1.9	2.1	4.0	2.8	3.3	3.6	5.5	7.9	12.5	55.5	4.8	1240
APR		9	1.4	1.7	1.6	2.6	2.2	4.2	5.2	9.1	11.3	1.09	7	1200
МАУ		3.2	5.6	4.0	4.5	2.9	2.7	3.7	5.0	9.5	13.4	44.4	7.6	1240
NOT		4.	2.5	3.68	0.4	2.4	3.0	2.8	5.5	10.6	16.9	48.0	8.2	1200
INF	0	111	1.7	3.2	3.9	2.2	2.2	2.7	5.2	7.7	12.9	57.2	4	1240
AUG		9	1.8	6.3	4.0	2.8	3.0	2.1	4.7	6.7	12.0	87.9	4	1240
SEP		1.0	3.8	3.7	4.5	5.1	3.9	6.9	7.6	8.7	12.7	44.3	7.7	1200
130		1.5	3.1	3.6	3.6	2.4	3.1	3.9	5.7	9.3	12.6	51.2	0	1240
NON		1.2	3.1	4.9	3.9	3.7	2.6	50	9	10.3	13.1	45.8	7.8	1200
DEC		1.9	1.7	2.1	3.1	3.9	3.3	3.4	7.6	11.8	11.4	48.5	8.1	1240
101	TOTALS	1.4	2.7	3.6	3.6		3.0	3	6.3	9.6	12.7	50.2	00	14601

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#### PART E

### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from dally observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows: ;
- 1. Daily maximum temperature
- . Daily minimum temperature
  - c. Daily mean temperature
- Extreme values derived from daily observations with extreme value given for each year and month of record for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. available. Extremes are provided for a month if all days for a month contain valid observations. of daily extreme temperatures are prepared: ai
- a. Extreme maximum temperature b. Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and The following information is provided: all years combined. 3.
- Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and depression in 17 classes spread norizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb which may require two pages in some cases.

A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\sum X^2)$ , sums of values  $(\sum X)$ , means  $(\overline{X})$ , and standard deviations  $(\sigma x)$ . The number of observations used in the computations for each element is also shown. ٥
- represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period the annual summary, or mean number of hours per month in the tabulations by month. ;

Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not observations recorded during these periods. All values of dew-point temperature and relative reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for humidity are with respect to water, unless otherwise indicated. NOTE:

- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
- o. Wet-bulb temperature
- . Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. è,
- The main body of the summary consists of dry bulb temperatures spread vertically in four degree incre-Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. ments and horizontally by eight wind directions (plus calm). 9

#### DAILY TEMPERATURES

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			5	MULATIVE	PERCENT	AGE FREC	CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE	F OCCUR	SENCE				MAXIMUM
					(FROM L	DAILY OBS	(FROM DAILY OBSERVATIONS)	S)					
TEMP (°F)	JAN	FEB.	MAR.	APR	MAY	NOT	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ANNUAL
70							1.						0.
89					3		9	•					
90					6	2.0	7.7	5.8	9.				1.6
33				-	4.8	21.5	50.9	46.7	11.0				11.3
50			.5	8	39.6	80.8	96.8	93.6	59.5		2.1		
45	6.6	11.5	20.3		80.2	99.5	100.0	99.9	92.7	57.2	23.6	10.1	53.9
04	33.5	38.1	53.8	71.0	9.46	100.0		100-0	08.0	86.8	50.1	31.0	
35	0.09	0.99	73.00	88.8	4.66				100.0	97.4	78.1	65.0	85.7
30	79.9	87.3	89.7	94.6	100.0					8.66	93.6	86.1	9.40
24	92.1	08.0	6.7							100.0	98.8	0.50	080
20	0 0	4.00	8 00	00						-	100.0	00	000
-	000	0	1								2	000	000
-	1000	+	000	2								0000	0.00
	10000	+	2000					1				10000	0.001
•		10000											100.0
									1			1	
	-												
MEAN		-	38.6	42.1		32.2	11	54.3	30.1		39.4	36.3	44.4
S. D.	7.173	464.9	573		4.582		3.288		-	076.7		A 228	B. 7.0
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#### DAILY TEMPERATURES

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

13.5 49.2 81.4 7.0 8.6 4.2 5.2 22.9 5.6 91.8 90.2 100.0 100.0 100.0 99.9 99.0 19.0 19.2 8.6 4.2 5.6 43.2 99.2 100.0 100.0 100.0 99.6 99.0 99.6 99.0 100.0 10	JAN. FEB. MAR. APR. MAY
49.2 81.5 74.5 39.7 8.8 4.2 5.6 91.1 99.9 98.1 78.0 100.0 100.0 98.1 76.0 39.7 18.0 100.0 100.0 98.7 85.8 73.4 100.0 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100.0 100.0 99.5 100	
91.1 99.9 98.1 73.5 40.9 14.2 5.6 190.0 100.0 98.1 76.0 39.7 19.0 100.0 100.0 98.7 85.8 73.4 100.0 100.0 100.0 90.5 100.0 100.0 99.5 100.0 100.0 97.5 100.0 100.0 97.5 100.0 100.0 97.5 100.0 100.0 97.5 100.0 100.0 97.5 100.0 98.1 100.0	
99.2 100.0 100.0 99.1 76.0 39.7 19.0 100.0 100.0 99.9 99.9 99.0 99.8 73.4 100.0 100.0 100.0 97.3 100.0 100.0 100.0 97.3 100.0 100.0 100.0 97.3 100.0 100.0 97.3 100.0 100.0 97.3 100.0 100.0 97.3 100.0 100.0 97.3 100.0 97.	6.0 10.1 19.9
100.0 98.7 85.8 73.4 99.6 97.5 90.5 100.0 100.0 99.5 100.0 100.	0 22.0 34.6 51.5
100.0 98.7 85.8 73.4 100.0 100.0 100.0 97.3 100.0 100.	1 50.9 60.0 76.9
99.8 97.5 90.5 100.0 100.0 97.3 100.0	0 75.3 77.4 90.5
100.0 100.0 99.5 100.0 1	95.2 97.6
44-1 47-1 40-0 42-8 38-0 32-3 28-7 5-299 2-209 5-299 6-913	97.8 98.3
100.0 100.0	99.6 99.3
44-1 47-1 46-6 42-8 38-0 32-3 28-7 3-292 2-696 3-333 4-748 5-239 6-750 6-913	99.7 99.9
44.1 47.1 40.6 42.8 38.0 32.3 28.7 44.1 47.1 40.6 42.8 38.0 32.3 28.7	0.0
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44.1 47.1 46.6 42.8 38.0 32.3 28.7 3.292 2.698 3.333 4.748 5.239 6.730 6.913	
3.292 2.696 3.333 4.746 5.239 6.730 6.913	7 70
674.0 061.00 562.0 041.4 666.6 040.2 743.6	8.66 0.06 1.47

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#### DAILY TEMPERATURES

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KEFLAVIK, ICELAND

49-77

YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEM	Al	AI	A	A	A	A1	A	AI	Al	AI	A	A	A	AI		Al		Al	AI	AI	Ai	N	Al	Al	Al	A1	Al	Al	Al	Al	A	1	"
TEMP (°F)	90	55	50	45	40	35	30	23	20	11	10	3																			MEAN	1	S. D.
JAN.				2.1	15.7	45.4	65.8	82.3	94.7	98.5	100.0																				20.	36.0	1.310
FEB.				8.	17.6	47.4	72.9	90.1	97.8			100.0																			2 2 2		244.9
MAR.				3.2	29.5	56.0	76.0	92.8	98.3	96.66	6.66	100.0																			8.48	200	_
APR			.3		48.						-																				20.3	2000	0.004
MAY		.2	7.5	49.3	83.1			_																							8.47	-	4.348
JON.		1.7	33.2	91.2	99.7	100.0																									4.84		20732
JUL.	1.	10.1	73.1	66.5	100.0																										6.13	277	
AUG.	.1	7.0	67.7	97.3	100.0																												5.000
SEP.		1.6	27.6	71.8	95.1	96.6	100.0																								44.9		4.131
OCI.			3.7	31.0	69.6	92.1	98,7	6.66	10000																						6.17		7900
NOV.				8.5	32.5	9.09	83.7	96.1	6.66	10000																					196.1	-	202.0
DEC.				1.1	14.9	40.8	71.4	88.6	96.7	99.5	100.0																				4.5.4		606.0
ANNOAL		1.7	17.8	39.2	38	75.	88,3	95.6	98.9	99.8	100.0	100.0																			8.04	200	

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"NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEPLAVIK, ICELAND

16201 STATION

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STATION NAME

1949-1977

MONTH JANUARY

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	MEAN TEMP	EMP		MA	MAXIMUM TEMP	1P			Σ	MINIMOM TEMP	MP	
_	AVERAGE		AVERAGE	GE	EXTREME	ME		AVERAGE	3E	EXTREME		
DAY	<b>.</b>	٥.	u.	၁့	<b>H</b> °	o°.	DATE	₽,	000	H <sub>o</sub>	ွ	DATE
-	31.5	-0.3		1.8	95	7.8	1954	21.7	-2.4	1.6	-8.9	1951*
2	31.9	-0-1		2.1	45	7.2	1962*	28.0	-2.2	9	-14.4	1968
3	32.1	0.1	•	2.5	48	8.9	1956	27.7	-2.4	6	•	1968
4	32.6	0.3	37.0	2.8		8.3	1966	28.2	-2.1	10	-12.2	1968
2	32.1	0.1		1.9	47	8.3	1966*	28.7	-1.8	13	-10.6	9
9	32.5	0.3			47	8.3	1964	29.1	-1.6	16	-8.9	1970
7	32.9	0.5	35.8	2.1	48	8.9	1964	30.0	-1.1	13	-10.6	1970
80	32.2	0.1	35.6	2.0	94	7.8	1973*	28.9	-1.7	11	-11.7	1970
6	32.2	0.1	35.7	2.1	47	8.3	19734	26.6	-1.9	14	-10.0	1959
10	32.6	0.3	36.0	2.2	47	6.3	1973*	2.62	-1.6	1.5	4.6-	1959
11	32.8	4.0			46	7.8	1971#	58.9	-1.7	91	-8.9	1959#
12	32.2	1.0	36.5	2.5	94	7.8	1972#	27.8	-2.3	1.4	-10.0	1955
13	31.1	-0.5	34.7	1.5	46	7.8	1966*	4.12	-2.6	60	-13.3	1955
14	31.3	4.0-		1.7	47	8.3	1967	27.7	-2.4	6	-12.8	1969
15	31.0	9.0-	35.2	1.8	48	8.9	1972	8.92	-2.9	-	-13.9	1969
16	30.7	-0-7		1.2	47	8.3	1972	27.2	-2.7	11	-11.7	1955
17	30.0	-1.1		•.	47	8.3	1964	26.1	-3.3	13	-10.6	1955
18	28.8	-1.8	32.7	4.0	48	8.9	1964	25.0	-3.9	11	-11.7	1971#
19	30.0	-1.1		1.2	46	7.8	1964	25.9	-3.4	10	-12.2	1971
20	30.2	-1.0	33.8	1.0	55	6.7	1961	26.5	-3.1	10	-12.2	161
21	31.3	+.0-	35.4	1.9	46	7.8	1964	27.2	-2.7	13	-10.6	1971*
22	32.4	0.2	36.1	2.3	47	8.3	1964	28.7	-1.8	6	-12.8	1956
23	31.7	-0.5	35.8	2.1	44	6.7	1970#	27.5	-2.5	8	-15.0	1956
24	32.2	0.1	36.1	2.3	45	7.2	1968	26.3	-2.1	,		1986
25	33.7	6.0		5.9	47	8.3	1965	30.2	-1.0	16	6.8-	1952
26	32.9	0.5	36.5		47	8.3	1965	29.4	-1.4	17	-8.3	1968
27	33.4	0.8		3.2	45	7.2	*0261	29.1	-1.6	16	6.8-	1968
28	33.9	1.1	37.6	3.1	48	8.9	1972	30.1	-1.1	20	1-9-	1977*
53	32.0	0.0		2.1	64	9.6	1972	28.3	-2.1	10	-12.2	1971
30	31.1	-0.5	35.0	1.7	47	8.3	1972	27.1	-2.7	9	-14.4	1971
31	32.0	0.0	35.6	2.0	45	7.2	1959	28.3	-2.1	10	-12.2	1969
Monthly	31.8	-0-1	35.6	2.0	64	4.6	-	28.1	-2.2	*	-15.6	1986

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\*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND

STATION NAME

STATION 16201

1949-1977

YEARS

MONTH FEBRUARY

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\*ALSO ON EARLIER YEARS

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DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND

STATION NAME

16201 STATION

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1949-1977

YEARS

MARCH

MONTH

MARK

		DATE	1976	1960	1960	1970#	1969	1969	1969	1969	1969	1969₩	1958	1958	1958	1962	1971#	1971	1968	1968	1968	1955	1955	1965	1966	1966*	1975	1970	1961	1961	1970*	1968	1968	1969
Ь	ΛE	၁့	6.8-	0.010	4.6-	-7.8	-13.3	æ	0		0		-7.8	1.9-	.2	-7.2	-6.1	-5.0		-6.7	-10.0	-11.7	+-6-	-8.3	4.6-	-10.0	4.6-	-12.2	-7.2	-7.8	-6.7	-10.0	-13.9	*15.6
MINIMUM TEMP	EXTREME	40	97	14	- 12	8	est)	6	•	4	4	10	1.8	50	61	61	21	23	20	50	14	=	1.5	17	13	9.	15	10	67	<b>*</b> 0	20	7.7	4	4
N		ပ	-2.1	-2.3	-2.1	-1.1	-1.8	-1.9	-1.3	-1.1	6.0-	9.0-	0.3	1.0-	0.2	0.2	0.2	0.5	0.2	0.7	0.7	-0-1	-0.1	1.0-	-1.1	-1.5	-2.4	-2.0	4.0-	-0-7	-0.7	8.0-	-1.2	8.0-
	AVERAGE	H 0	28.2	6.12	28.3	30.0	28.7	28.5	29.7	30.1	30.4	30.9	32.5	31.9	32.4	32.3	32.3	95.9	32.3	33.2	33.2	31.8	31.8	30.7	30.1	29.3	27.6	58.4	31.2	30.7	30.8		6.62	30.6
		DATE	1963*	1963	1961	1972*	1971	1968	1961	1956	1965*	1972	1953	1968*	1961	1964	1964	1972#	1972*	1960*	1959	1959	1960	1959	1963*	1972*	*0961	1964	1956	1956	1957	*0961	1965	10804
	E	၁့	7.8	8.3	8.3	7.8	8.3	7.8		6.8	8.3	8.9	6.8		6.8	6.	*		7.8	8.3	8.3	4.6	8.9	10.6	8.3	8.3	8.3	7.8	10.6	8.9	10.0	6.8	10.0	
MAXIMUM TEMP	EXTREME	<b>L</b> 0	94	47	47	99	47	94	84	48	47	84	48	94	48	*8	64	47	94	47	47	64	48	51	47	47	47	94	51	48	50	48	50	81
MA		, o.	2.4	2.1	2.3	3.3	3.1	2.5	3.2	3.4	3.6	4.3	4.0	4.3	4.0	4.7	4.5	5.0	4.6	4.8	4.6	4.2	4.7	0.4	3.6	2.9	2.2	5.9	3.8	3.8	4.1	3.2	3.5	3.7
	AVERAGE	٠ ١	36.4	35.8	36.1	37.9	37.5	36.5	37.8	38.2	38.5	39.7	39.2		39.5	40.4	40.1	41.0	40.2	40.7	40.3	39.5	40.5	39.2	38.5	37.3	35.9	37.3	38.8	38.8	39.3	37.7	38.3	38.6
		၁့	0.2	-0-1	0.1	1.1	9.0	6.0	1.0	1.2	1.4	1.00	2.1	2.1	2.1	2.4	2.3	2.7	2.3	2.7	2.7	2.0	2.3	1.6	1.3	2.0	-0.5	4.0	1.7	1.5	1.7	1.2	1.2	1.4
MEAN TEMP	AVERAGE	٥ ـ	32.3	31.8	32.2	34.0	33.1	32.5	33.8	34.2	34.5	35.3	35.8	35.8	35.8	36.3	36.2	36.9	36.2	36.9	36.8	35.6	36.2	34.9	34.3	33.3	31.7	32.8	35.0	34.7	35.1	34.2	34.1	34.4
		DAY	-	2	3	4	2	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

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\*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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KEFLAVIK, ICELAND

STATION NAME

STATION 16201

1949-1977

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ALSO ON EARLIER YEARS

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DIRNAVOCEANMET-SMOS

\*NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION NAME

KEFLAVIK, ICELAND

16201 STATION

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1949-1977

YEARS

MONTH

MAY

		DATE	1961	1961	*916	1976	1976*	1963	1963	1966	1966*	1975	1975	1955	1955	1955	1955	1955	1955	1975*	1967	1961	1958	1958	*1961	1961	1971	1971	1952	1952	1952	1962#	1970*	1961
۵	1E	၁့	-5.0	.3	-2.2	-3.9	-2.8	-2.2		.1	-1.1	6	n	-1.1	-1.1	-2.8	-1.7	-1.7	9.0-	1.1	9.0-	-1.1	0.0	9.0		9.0-	-1.7	9.0-	1.7	1.1	9.0	1.7	2.8	-5.0
MINIMUM TEMP	EXTREME	9°F	23	56	28	25	27	28	59	30	30	26	56	30	30	27	56	62	31	34	31	30	32	33	31	31	62	31	33	34	33	38	37	23
M		၁့	1.9	1.8	1.9	1.7	2.1	5.9	3.2	3.2	2.9	3.3	3.3	3.9	3.4	3.6	3.9	4.2	4.2	4.3	4.2	4.2	0.4	4.7	5.1	5.3	5.7	6.1	5.8	5.5	5.6	5.4	5.7	3.9
	AVERAGE	۰ ا	35.4	35.2	35.4	35.1	35.6	37.2	37.8	37.8	37.2	38.0	37.9	39.0	30.1	38.5	39.0	39.5	39.6	39.8	39.5	39.5	39.5	40.5	41.2	41.5	65.3	0.64	45.4	41.9	0.24	41.8	42.2	39.1
		DATE	1962#	1961	1964	1964	1956	1971*	1961*	1965	1970	1974*	1960	1960	1960	1960	1960	1960	1959	1959	1974#	1974	1972	1972	1974	1972	1972	1955	1969	1955	1961	1961	*42661	1960
	=	o°.	10.6	11.1	13.3	_	11.7	10.6	11.1	12.2	14.4	12.2	14.4	16.1	17.8	18.9		80	15.6	.2	1.	12.8	15.0	12.8	12.8	13.9		6.	13.9	13.9	14.4	13.9	12.8	18.9
MAXIMUM TEMP	EXTREME	L.	51	52	99	53	53	51	52	54	38	54	58	19	99	99	96	55	90	54	52	35	56	55	55	57	65	57	57	57	58	57	55	
MAX		၁့	6.9	7.1	7.3	7.1	7.4	7.3	8.1		8.3	8.5	8.6	8.3		8.4		9.1	9.5	9.1	0.6	8.7	9.5		10.2	10.1	10.4	10.1	10.3	10.1	10.3	10.1	10.2	8.8
	AVERAGE	<b>L</b> °	44.5		45.2	8.44			46.5	46.7	47.0	47.3		47.3	47.1	47.2	47.7	48.3	48.5		48.2	47.7	48.8		50.3			50.2			9009	50.1	50.3	47.9
		o°.	4.4	4.4	4.6	4.4	8.4	5.1	5.6	5.7	5.6	6.6	5.9	6.2	8.9	6.1	6.3	9.9	6.7	6.7	9.9	4.9	9.9	7.2	7.6	7.7	8.1	8.1	8.1	7.8	7.9	7.8	7.9	4.9
MEAN TEMP	AVERAGE		39.9	0.04	40.3	0.04	40.0	41.2	42.1	42.2	42.1	42.6	42.7	43.2	42.6	42.9	43.4	43.9	44.1	44.1	43.8	43.6	43.8	6.44	45.7	45.8	46.5	46.6	46.5	0.94	46.3	0.94	46.2	43.5
		DAY	1	2	8	4	5	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

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\*ALSO ON EARLIER YEARS

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DAILY AVERAGE/EXTREME TEMPERATURES NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND

16201 STATION

1

STATION NAME

1949-1977

YEARS

JUNE

MONTH

		DATE	1952	1975*	0	1975	1952	1975	1956	1956	1959	1959	1973	1973	1973	1973	1973	1959	1959	1959	1959	1974	1974	1971	1968	1968	1975*	1975	1964	19744	-	1975		1975#
ь.	JE .	ွ	1.7	9.0	1.1	1.7	1.7	1.7	1.1	9.0	2.8	2.8	1:1	3.9	2.8	3.9		3.9		2.2		4.4	4.4	9.0		2.8	5.0		3.9	5.6	9.0	4.4		9.0
MINIMUM TEMP	EXTREME	<b>₽</b> °	38	33	34	35	3.5	38	34	33	37	37	34	39	37	39	39	39	36	36	39	04	04	41	60	37	41	37	39	42	41	04		33
M		o°.	5.5	3.4	5.7	6.1	0.9	8.9	5.7	6.6	6.1	4.0	4.0	9.9	9.9	6.7	6.8	7.0	8.9	7.1	7.5	7.5	7.8	9.0	7.7	7.2	7.1	7.1	7.2	7.2	7.7	7.4		6.7
	AVERAGE	₽°	6.14	41.8	42.2	43.0	42.8	42.7	42.3		43.0	43.5	43.5	8.64	43.8	44.1	6.44	9.44	44.2	44.7	45.5	45.5	1.04	40.4	45.9		44.7	8.44	6.44	45.0	45.8	45.4		1.44
		DATE	1955*	1955	1955	1972*	1955	1954	1963	1960	1975#	1972#	1964	1954	1954	1965	1965	1952	1966	1966	1953	1958	1957	1952	1953	1959	1959	1956	*6561	1959	*1961	1958#		1956
0	E	၁့	12.8	17.2	14.4	12.8			17.2			4.	0	5.0	9.	3	3	0	.1		0		0	9.		17.2			_	.2		15.6		17.8
MAXIMUM TEMP	EXTREME	L o	55	63	88	55	62	63	63	57	57	58	65	59	90	56	58	88	61	62	59	58	56	09	59	63	58	40	58	63	57	09		6.4
MA	E	၁့	10.1	10.2		10.2	10.9		10.6	10.3	10.8	11.2		11.0		11.1	11.2	11.2	11.4	11.7	11.7	11.7	12.3	11.8	11.8	11.5	11.6	12.2	11.6	11.8	11.6	12.2		11.2
	AVERAGE	ъ. •	50.1		50.7			51.2	51.0	50.5		52.1	51.1	51.8	51.8	52.0	52.1	52.2		53.1	53.0	53.1				52.7						54.0		52.2
		o,	7.8	7.8	8.0	8.2	4.6	8.3		8.1	4.8	8.8	8.5	60	8.8	8.9	0.6	9.1	9.1	4.6	9.6	9.6	10.1	6.6	9.8	9.3	6.3	9.7	4.6	9.5	9.6	8.6		6.8
MEAN TEMP	AVERAGE	<b>L</b> 0	0.94	46.1	40.4	46.7	47.2	6.94	46.7	46.6	47.2	47.8	47.3	47.8	8.1.8	48.1	48.2	48.4	48.4	6.84	49.2	49.3	50.1	8.65	9.65	48.8	48.7	40.4	6.84	49.1	49.3	49.7		48.1
		DAY	-	2	3	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

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\*ALSO ON EARLIER YEARS

8000

# DAILY AVERAGE/EXTREME TEMPERATURES

\*\*NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND

16201 STATION

12095 91841

isu O

STATION NAME

1949-1977

YEARS

JULY

MONTH

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\*ALSO ON EARLIER YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND STATION

16201

STATION NAME

1949-1977

MONTH AUGUST

<b>ARS</b>		
EAF		
F		

	MEAN TEMP	EMP		JINI .	INC. INC. INC. INC. INC. INC. INC. INC.			The second secon			-	
_	AVERAGE	GE	AVERAGE	GE	EXTREME	ME		AVERAGE	3E	EXTREME	ME	
DAY	<b>H</b> °	o.	9 F	၁့	₽°	၁့	DATE	, F	o°.	9°F	၁ွ	DATE
-	51.3	10.7	55.4	13.0	99	18.9	1966	47.1	4.8	04	4.4	1964
2	51.0	10.6	55.1	12.8	19	16.1	1954	40.9	8.3	42	5.6	1977*
3	51.2	10.7		12.9	29	16.7	1952	47.3	8.5		3.6	1975#
4	51.1	10.6	55.2	12.9	62	16.7	1969	67.0	8.3		5.0	1958
2	51.2	10.7		13.0	09	15.6	1974#	0.14	8.3	42	5.6	9
9	51.4	10.8	56.0		62	16.7	1975	6.04	8.3	4.1	5.0	1977
7	51.5	10.8	55.6	13.1	99	18.9	1964	47.3	8.5	42	3.6	1972*
8	51.3	10.7	55.4	13.0	67	19.4	1964	47.2	8.4	14	5.0	1972
6	51.1	10.6	54.5		19	16.1	1965	41.7	8.7	41	5.0	1972
10	51.2	10.1	55.1		62	16.7	1965	6.1.3	8.5		5.6	1970
=	51.2	10.7	55.1		19	16.1	1965	4.14	8.6	64	6.1	1959
12	51.4	10.8	55.3	12.9	61	16.1	1965*	41.6	8.7	41	5.0	1959
13	51.2	10.7		12.7	19	16.1	1977*	47.3	8.6	6.5	6.1	1963*
14	51.1	10.6	54.8	12.7	63	17.2	1977	7.17	9.8	41	5.0	1959
15	51.1	10.6	54.3	12.4	90	15.6	1956		8.8	74	3.6	1970
16	50.9	10.5	54.6	12.6	63	17.2	1967	E . / 4	8.5		5.0	1963
17	50.5	10.3	54.2	12.3	65	15.0	1967*	8.04	8.2		8.6	1976#
18	50.0	10.0			65	15.0	1956	40.4	8.0	41	5.0	1964
19	50.1	10.1	54.1	12.3	59	15.0	1965	0.04	7.8	38		1972
20	6.64	6.6		12.3	62	16.7	1952	9.64	7.6	04	4.4	1972#
21	50.0	10.0	53.9	12.2	09	15.6	1959	0.94	7.8	04	4.4	1976
22	50.0	10.0	53.8	12.1	19	16.1	1970	46.2	7.9	42	5.6	1974#
23	50.1	1001	53.8	12.1	09	15.6	1962	6.94	8.1	41	5.0	1976*
24	8.64	6.6	53.6	12.0	09	15.6	1953	0.94	7.8	04	4.4	1974#
25	49.5	9.7		11.8	65	15.0	1953	8.54	7.7	38	3.3	1965
26	49.3	9.6		11.8	09	15.6	1953	45.4	7.4	38	3.3	1956
27	48.5	9.5		11.4	88	15.0	1962	44.5	6.9	333	1.7	1956
28	8.84	9.3		11.4	9	15.6	1960	45.1	7.3	35	1.7	1956
29	8.84	9.3	52.5	11.4	89	15.0	1960	45.1	7.3	40	4.4	1977*
30	49.5	9.6	52.5	11.4	58	14.4	1960	6.5.8	7.7	38	3.3	
31	48.7	9.3	52.4	11.3		13.9	1957	6.44	7.2	38	3.3	1977
Monthly	50.4	10.2	54.3	12.4	67	19.4	1964	9.04	8.1	38	1.7	1956

\*ALSO ON EARLIER YEARS

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"NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND

STATION NAME

STATION 16201

12599 91981

1949-1977

YEARS

SEPTEMBER

MONTH

MINIMUM TEMP

MAXIMUM TEMP

AVERAGE

MEAN TEMP AVERAGE

0

DAY

0.6

48.6

48.5

4

0

1976\* 1977\* 1977# 19764 1964\* 1972 1956 1956 1952 1977 1977 1975 1957 1957 1952 1952 1964 1964 1954 1974 1971 1954 9.0 9.0 -0.6 2.2 9.0 0.0 2.8 0.0 -2.8 : 1:1 1.7 1:1 : EXTREME 36 33 34 33 30 34 33 33 233 5.0 6.2 6.9 4.9 6.3 6.2 6.2 6.2 5.8 5.2.3 1: 6.1 6.3 6.1 AVERAGE 43.1 43.0 45.9 43.4 42.2 43.1 43.0 42.0 45.0 43.3 43.5 43.0 43.1 41.2 43.1 44.7 1968\* 1968\* 1958# 1976# 1954 1958 1962 1954 1968 1968 1968 1958 1968 1958 1958 1958 1958 1958 1961 1991 1961 1991 12.8 13.3 15.0 17.8 14.4 15.6 13.9 13.3 12.8 3.9 13.3 12.2 15.0 14.4 13.3 3.9 4.4 EXTREME 56 99 99 58 57 36 96 55 5.5

10.6

51.0

8.4 8.6 8.4 8.4 8.5 9.4

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8.2 8.2 8.1

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10.1 10.1 8.6 10.1

50.2

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8.1 8.1 7.8

46.5 47.0

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16 17 10.0

50.0 49.7 49.6

50.6 49.6

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19

20 21 22 23 24 25 26 27 28 29 30 31

18

46.4 45.9 46.3 44.8

8.6 9.8

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'ALSO ON EARLIER YEARS

1954

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1974

-2.8

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1968

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10.1

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Monthly

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1958

1967

8.5

48.6

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0

1969#

1966

1966

-0.6

#### - שועור

# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA KEFLAVIK, ICELAND

16201 STATION

12595 9/99

STATION NAME

1949-1977

MONTH

OCTUBER

YEARS

AVERAGE

EXTREME MINIMUM TEMP

EXTREME MAXIMUM TEMP

S

DAY

0.44

MEAN TEMP AVERAGE

4.2

40.3 39.7 40.1

1976#

1964\*

4.5

-2.8

1966

9.0-1:1

> 4.0 4.1 3.4

39.2 39.3 39.3

1973#

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1959

8.6

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9

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446.7 47.4 47.6

1959 1959

1964#

1970

000 9.0-

-1.7 -3.9 4.4--5.6

34

3.7

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3.9 3.3 3.3 3.0 3.8

38.9

1986

1101 10.6

3

45.4

1970

1962\* 1965\*

23

4.4

38.6 38.6

1965#

11:1

1959

1959

12.8 12.8

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7.9 7.8 7.7 7.4 7.8 7.4

46.3

6.5 5.2

43.1

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42.3 42.9

5 = 12 13 14 15 16 17 18

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45.4 42.4

1970\*

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1971 1971

1971 1971

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-7.2 -2.8 -2.8 1:1:

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230

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1111 11.7 11.7

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7.4 7.6 7.0

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19

20 21 22 23 24 25 92 27 28 53 30 31

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1958 1953 1965

9.0 10.6

51 5

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7.1 7.2

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5.5 3.6

41.1 41.9

41.4

1955

1973 1955 1967 1967

1956 1951 1981

1956

-2.8

222

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36.3 36.4 35.2

1965\*

1965 1965 1958

9.0 4.0

5.9

44.6

5.2 4.2

41.4

39.5

64 51

6.1

43.5

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39.1

43.2

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1965

11:1

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1965\*

5.4 1.8 2.6

1962#

1962 -3.3 -2.2 -1.7

29

54

30.6

1971 1971

3.3 3.3 10.0 10.6

10.6

6.4 6.2 5.4 5.4

3115

1970 4.4--5.6 -5.6

22

1.4

36.1

1971#

9.

1973#

4.6

10.0

1968

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ALSO ON EARLIER YEARS

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Monthly

\*NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

KEFLAVIK, ICELAND

STATION 16201

0

STATION NAME

1949-1977

YEARS

MONTH NOVEMBER

	MEAN TEMP	- WE		M	MAXIMUM LEMP	AP.			M	MINIMOM LEMP	AP.	
<b>_</b>	AVERAGE	SE	AVERAGE	GE	EXTREME	ME		AVERAGE	E	EXTREME	ME	
DAY	L.	ى °	<b>L</b> 0	၁့	nr.	ပ	DATE	H <sub>o</sub>	o°.	J <sub>o</sub>	၁ွ	DATE
-	37.6	3.1	40.7	8.4	64	4.6	1971*	34.4	1.3	50		1968
2	36.9	2.7	40.2	4.6	64	4.6	1964	33.6	6.0	50		1968
3	36.9	2.7	C	4.7	64	4.6	1965	33.3	0.7	22	-5.6	1970
4	36.9	2.7	0	4.6	51	10.6	1965	33.6	6.0	54	4.4-	1973
2	35.9	2.2	39.3		84	6.8	1968*	32.4	0.2	54	4.4-	1973*
9	37.4	3.0	41.3		90	10.0	1956	33.5	8.0	21	-6.1	1977
7	38.3	3.5	41.6		50	10.0	1956	34.9	1.6	24	4.4-	1957
8	38.0	3.3	41.3		51	10.6	1964	34.8	3.6	28	-3.9	1969*
6	37.3	2.9	40.8	4.9	80		1964	33.8	1.0	22	-5.6	1959
10	36.7	2.6	39.8		90	10.0	1965	33.7	6.0	21		1959
=	36.0	2.2			50	10.0	1965	32.4	0.2	91		1959
12	36.1	2.3	0	4.0	20	10.0	1968	33.1	9.0	20	-6.7	1977*
13	36.1	2.3	39.6		64	4.6	1968*	32.7	4.0	10		1969
14	35.1	1.7	38.9	3.8	84	8.9	1971*	31.4	-0.3	50	-6.7	1969*
15	33.6	6.0	37.0		48	8.9	1996#	30.3	6.0-	16	6.8-	1963
16	33.9	1.1	37.6		50	10.0	1968*	30.3	6.0-	1.5	+-6-	1963
17	35.6	2.0	40.1		52	11.1	1968	31.2	4.0-	1.8	-7.8	1971*
18	36.6	5.6	40.0	4.4	51	10.6	1968	33.1	9.0	- 23	-7.8	1971
19	35.7	2.1	39.6	4.2	50	10.0	1968	31.9	-0-1	20		1977
20	36.6	5.6	39.8	4.3	64	4.6	1968*	33.4	8.0	22	-5.6	1977
21	37.2	5.9	41.2	5.1	20		1958	33.3	0.7	12	-6.1	1969
22	36.3	2.4	0		50	10.0	1958	32.6	0.3	19	-7.2	*6961
23	35.7	2.1	39.7	4.3	84	6.8	1957	31.7	-0.2	16	18.9	1963
24	35.2	1.8	38.7	3.7	94	7.8	1971*	31.8	-0-1	18	-7.8	1991
25	35.1	1.7	38.5		47	8.3	1971*	31.7	-0.2	16	-8.9	1973
26	34.0	1.1	38.0	3.3	47	8.3	1963	30.0	-1.1	20	-6.7	1965
27	32.1	0.1	35.4		64	4.6	1958	28.7	-1.8	21	-6.1	1966
28	32.9	0.5	36.6	5.6	44	6.7	1968*	29.5	-1.6	67	-7.2	1967
59	34.5	1.4	38.1	3,4	64	4.6	1957	30.9	9.0-	19	-7.2	1965
30	34.2	1.2	38.2	3.4	64	9.6	1957	30.5	-1.0	1.5	+ 6 -	1965
31												
Monthly	35.8	2.1	39.4	4.1	52	11.1	1968	32.3	0.2	5.7	7.6-	1965*

\*ALSO ON EARLIER YEARS

0.0

# NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

KEFLAVIK, ICELAND

STATION 16201

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0

STATION NAME

1949-1977

YEARS

MONTH DECEMBER

	MEAN TEMP	EMP		MA	MAXIMUM LEMP	IP.			N	MINIMON LEMP	EMP	
_	AVERAGE	GE	AVERAGE	SE	EXTREME	ME		AVERAGE	3E	EXTREME	EME	
DAY	L.	٥,	9 E	၁့	LL o	ပ	DATE	<b>∀</b> °	ပ	9°F	၁ွ	DATE
-	33.6	6.0	37.0	2.8	84	8.9	1973*	30.1	-1.1	17	-8.3	1966
2	34.4	1.3	38.4	3.6	48	8.9	1962*	30.3	6.0-	17	-8.3	1966
3	34.8	1.6	38.0	3.3	45	7.2	1977*	31.6	-0.2	1.8	-7.8	1966
4	34.1	1.2	37.8	3.2	94	7.8	1962	30.5	8.0-	20	1-6.7	1969
2	33.4	8.0		2.8	47	6.3	1968*	29.8	-1.2	19	-7.2	1967
9	32.8	4.0	36.4	2.4	64	4.6	1968	29.5	-1.6	15	4.6-	1951
7	33.2	0.7	36.7	2.6	64	9.6	1968	29.8	-1.2	17	-8.3	1967
80	32.3	0.2	35.9	2.2	648	8.9	1952	28.7	-1.8	14	-10.0	1961
6	31.4		35.2	1.8	94	7.8	1953	27.7	-2.4	11	-11.7	1981
10	32.0	0.0		2.6	47	8.3	1970*	27.3	-2.6	6	-12.8	1951
=	33.5	8.0	37.4	3.0	47	8.3	1963	29.7	-1.3	12	-111.1	1969
12	34.0	1.1	38.5	3.6	47	8.3	1953	59.62	-1.3	15	4.6-	1962
13	33.2	0.7	37.0	2.8	47	8.3	1953	29.4	-1.4	6	-12.8	1973
14	33.5	0.8		5.9	94	7.8	1970	29.8	-1.2	10	-12.2	1973
15	33.1	9.0		2.4	46	7.8	1965	29.7	-1.3	20	-6.7	1975
16	32.6	0.3	36.4	2.4	64	4.6	1976#	28.8	-1.8	1.5	4.6-	1975
17	32.1	0.1	36.5		64	4.6	1972	27.7	-2.4	6	-12.8	1973
18	31.5	-0.3		1.7	47	8.3	1964	27.9	-2.3	1	-13.9	1973
19	31.6	-0.2		1.9	46	7.8	1961	27.7	-2.4	14	-10.0	1977
20	32.3	0.5	36.0	2.2	47	8.3	1956	28.5	-1.9	17	-8.3	1968
21	33.0	9.0	36.5	2.5	84	8.9	1964	29.4	-1.4	16	-8.9	1957
22	33.1	9.0	36.9	2.7	47	8.3	1961	29.3	-1.5	1.1	-11.7	1974
23	31.2	+0-	35.0	1.7	43	6.1	1970*	27.4	-2.6	16	6.8-	1954
24	30.9	-0.6		1.4	47	8.3	1956	27.1	-2.7	14	-10.0	1968
25	32.0	0.0	36.3		45	7.2	1972*	27.6	-2.4	18	-7.8	1965
26	31.5	-0.3			45	7.2	1975	27.6	-2.4	12	-11.1	1965
27	31.1	-0.5		1.7	44	6.7	1969	27.0	-2.8	13	-10.6	1965
28	31.9	-0-1		2.1	45	7.2	1986	28.0	-2.2	10	-12.2	1961
29	31.7	-0.5	36.1	2.3	47	8.3	1953	27.3	-2.6	13	-10.6	1961
30	30.5	8.0-	34.2	1.2	44	6.7	1971	56.9	-2.8	17	-8.3	1981
31	30.8	-0.1		1.3	45	7.2	1968#	27.2	-2.7	10	-12.2	1976
Monthly	32.5	0.3		2.4	64	9.6	1976#	26.7	-1.8	4	-13.9	1973

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\*ALSO ON EARLIER YEARS

#### **EXTREME VALUES**

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

16201 STATION

NO .

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KEFLAVIK, ICELAND

49-77

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	MONTHS
0 0													
51									26	51	4.5	4.5	
25	41	+	45	64	26	09	86	62	57	21	44	48	62
53	45	4.5	48	45	52	5.0	0	9	96	53	65	64	63
34	**	5	4.7	is	96	69	30	19	29	25	4	42	63
55	94	09	40	5	57	63	50	58	95	20	20	04	63
26	*	+	51	23	53	*0	5	09	58	25	20	4.1	99
57	94	38	20	52	57	5.6	29	09	55	51	0.0	4	62
28	40	45	47	48	54	9	9	29	63	57	20	4	6.8
50	94	84	15	15	00	63	69	09	36	55	24	6.4	69
00	47	*	4	24	99	57	65	09	96	23	40	94	99
. 9	94	4.4	89	20	28	53	95	09	09	25	0.5	40	62
62	4	**	9.	23	20	58	*0	00	80	51	44	8	40
63	45	6.5	14	51	23	63	99	80	55	52	4.4	47	99
*0	84	*	0.5	100	26	29	30	63	55	3	5	6 4	67
69	44	84	20	95	96	58	19	95	34	53	15	94	62
90	47	45	94	51	52	62	9	99	53	52	20	4	99
67	47	4.4	42	*	37	57	29	63	53	64	65	47	69
9	45	**	94	20	58	28	69	19	40	52	23	64	*0
69	43	*	45	64	23	200	80	62	24	20	**	4.0	62
20	43	45	*	8	28	29	20.00	61	54	53	*	4.1	10
14	46		4.1	20	24	200	10	19	29	26	0.5	*	29
72	64	*	48	52	80	200	62	53	25	20	46	64	62
73	4.7	43	*	90	30	57	09	59	34	55	4.3	00	09
74	9,4	*	8	31	27	26	50	09	3.4	20	4	42	09
13	**	4.5	64	20	25	57	53	62	53	20	64	43	29
16	39	45	:	47	3.4	52	10	28	24	25	4.7	64	70
-	64	7	4.1	4	55	20	10	69		20	55	45	69
MEAN	45.7	45.1	61.0	50.3	55.8	58.9	4.19	600	56.1	52.0	80	. 9	63.5
S. D.	2.115	2.756	2.234	2.481	3.253	2.682	3.580	2.2	166	2.066		2.3	2.42
TOTAL OBS.	908	735	908	780	0	500	808		810	837			196

#### **EXTREME VALUES**

MAXIMUM TEMPERATURE FROM DAILY OBSERVATIONS

KEFLAVIK, ICELAND

49-77

PASED ON LESS THAN FULL MONTHS!

	YEAR	JAN.	£	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	MONTHS
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.	7	:-	35	e	<b>*</b>	£ ~	0	1	0 -	-	~ ~	9	DAYS
1	0	0+	8 -	45	3	45	51	*	79	52	<b>;</b> -	24	32	MAX
	11	25	32	09	34	45	6.8	52	9					MAX
75 G		-	-	-	-	-	-	-	-					DAYS
Z G														
	T													
3.0														
<b>4</b> 6														
<b>4</b> 0														-
<b>4</b> 0														
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#### **EXTREME VALUES**

MINIMUM TEMPERATURE

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FROM DAILY OBSERVATIONS

YEARS

49-77

KEFLAVIK, ICELAND

16201 STATION

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WHOLE DEGREES FAHRENHETT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	, NOT	JUL.	AUG.	SEP.	OCT.	NO N	DEC.	MONTHS
64													
20													
21			1			•			96	27	4	0.	:
25	11	19	17	22	67	33	0	40	35	31	07	100	1
53		25	1.1	6	27	37	55	40	3.0		92		13
*	50	=	10	50	23	45	4	4.1	31	28	27	•	11
55		13	11	30	12	04	5.6	38	3		97	13	0
26		53	20	56	33	33	24	35	33	28	53	58	*
57	21	1.4	61	62	27	33	6.4	39	32	82	57	91	5.7
8	13	13	18	30	58	66	m +	0,	42	27	54	11	13
30	13	17		92	27	36	40	19	38	35	99	10	13
09	19	*	7.	31	34	4.1	4.4	4	36	28	22	50	41
10	02	1.1	51	**	30	36	69	45	37	30	27	10	10
62	22	18	19	50	30	7	m *	42	35	25	21	15	15
63	1.7	16	28	C.	87	04		36	35	34	-	17	10
**	11	15	27	30	35	30	45	30	30	35	1	=	=
69	75	100	**	02	33	39	24	33	38	30	13	12	12
00	•	10	*	54	90	7	4.50	0,	30	27	20	16	9
67	12	1.1	16	91	53	36	04	24	39	6.	0	7.4	41
68	•	12	7	•	27	37	*	42	34	8	20	*1	0
69	•	-	*	40	25	33	42	4.5	30	30	0	12	1
20	11	*	10	25	33	37	04	*	38	22	23	6	10
11	0	22	12	52	67	*	**	38	35	27	oc:	21	9
72	22	20	97	92	32	9	*	8	34	33	20	23	20
73		*1	61	1.1	87	34	45	42	38	28	91		1
:	22	16	21	32	30	04	41	36	27	54	27	=	=
75		28	2	200	97	33		1,4	31	35	47	13	15
20		2	10		52	0,	45	0	80	35	22	07	10
-	1.1	<u>e.</u>	53	12	32	35	43	ec en	34	31	02	13	13
MEAN	13.0	16.8	17.3	100.0	1.62	38.0	42.6	40.1	35.0	6.12	C	15.4	10.7
S. D.	6.177	5.164	5.597	6.861	3.496	2.771	2.082	2.389	3.573	4.323	3.701	4.422	£0.4
TOTAL OBS.	806	735	806	087	909	780	808	808	810	837	019	837	196

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MININUM TEMPERATURE

FROM DAILY OBSERVATIONS

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NAVWEASERVCOM

49-77

YEARS

MADLE DEGREES FAHRENHEIT

YEAR	JAN.	FB.	MAR.	APR.	MAY	, SZ	JUI.	AUG.	SEP.	OCT.	NOV	DEC.	ALL
64	9.	39	50	62	Ē -	30	9+	**	64	0-	- m	24	MIN TEMP
20	36	33	34	53	33	45	+ 2	20	45	30	33	101	MIN TEND
16	191	24	16	7.8	38	- 00	- 5	- 00	-	-	-	-	MINTERP
	-	-	-	-	-	,-	-	-					S
MEAN													
S. D.													
TOTAL OBS.													

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KEFLAVIK, ICELAND

16201 STATION

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PAGE 1	TOTAL  D.B./W.B. Dry Bulb Wet Bulb Dew Point	25 20	27 27	51 51 39 24	97 52	132 124	164 154	167 145	143 143 138 103	82 110	83		43 62	2	2	04.	0	o m	1233 123	233 1233				mperature		280 F 293 F Total
YEARS	. 26 27 . 28 29 . 30 = 31																			15				Mean No. of Hours with Temperature		267 F 273 F
73-77	EPRESSION (F) 7 - 18 19 - 20 21 - 22 23 - 24 25																							No. Obs.		1233 sor sar
	WET BULB TEMPERATURE DEPRESSION (F)																			· 5				σ×	f	85.7 11.299
ICELAND STATION NAME	W 8 5 10 1			•	1.														2.						t	511
KEFLAVIK, I	0 1.2 3.4	9.	.7	2.3	4.	5.2	5.2 6.1 2.0	7.1	1.5	0.0		4.0	.8 2.7	2. 2.	•1				31.555.712.5					2x2	3758VED	9203265
16201 station	Temp.	54 /95	-	45/ 41	37	35	1 33	31	62 /08		24/ 23			18/ 17		14/ 13		101	AL				731	Element (X)		Ref. Hum.

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NAVWEASERVCOM



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YEARS

73-77

PAGE 1

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= 1		1 2
5	PSYCHROMETRIC	SUMMA

8 9 10 11 12 13 14 13 10 17 18 19 20 21 22 22 22 22 22 22 22 22 22 22 22 22			:	ULB TEMPERATUR	E	00 00	10000		TOTAL	-	1	
11	.6 7	+	- 10	2 13 . 14 15 . 1	2	21 - 22 23	25 - 26 27 -	29 . 30		Dry Bulb	-	w Point
11		-							0 0		- *	
113	+	1							90		07	1.1
113 8 113 81 81 81 81 81 81 81 81 81 81 81 81 81									0		2	7
113 81 153 99 153 156 142 163 142 163 156 156 157 163 158 br>158 158 br>158 158 158 158 158 158 158 158 158 158									71		63	37
153 153 156 156 156 156 156 156 156 156 156 156	4								113		83	52
1128 1128 1128 1128 1128 1128 1128 1128	6	-							153		66	06
2 142 163 87 114 87 115 87 114 1128 1128 1128	1	+							156		156	7.5
1128 1128 1128 1128 1128 1128 1128 1128	-								142		24	. 2.2
21 25 25 20 2 2 3 4 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5	4 .	1						-	747		201	201
114 87 114 87 1158 1128 1128 1128 1128 1128 1128 1128	_								96		121	123
5 5 70 27 27 36 27 27 36 27 29 5 1128 1128 1									87		114	16
2 35 70 1 27 36 27 36 15 20 1 5 9 1 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1	-								99		19	66
2 32 45 27 36 27 36 15 20 2 5 9 2 5 9 1 1 2 1128 1128 111									55		70	105
27 36 15 20 2 5 9 2 6 5 9 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 2 8 1 1 1 1	-	1							32		45	00
11 8 11 8 11 8 11 8 11 8 1 1 8 1 1 8 1 1 8 1 1 1 8 1 1 1 8 1									27		36	72
1128 1118 1118 1118 1118 1118 1118 1118		1							15		07	45
1128 1128 11									20		•	23
1128 1128 1	-							-	-		2	26
1128 1126 1		4										14
1128 1128 1		1										0
1128 1128 1												N
	.00	-								1128	-	128
									1128		1128	
	-											
		26132			1128	≥ 0 F	≤ 32 F ≥ 67	F = 273 F	280 F	2 93 F	Tot	-
84.0 11.293 1128 SOF S32F 267F 273F 280F 293F	,	36545	-	-	1128		313.4	-			0	2.0
32.4 6.157 1128 50F 532F 267F 273F 280F 293F		14842	30.9	6.110	1128		3.066				9	2.0
84.0 11.293 1128 50F 532F 267F 273F 280F 293F 32.4 6.157 1128 313.4 356.2	3	1469	27.9	1.360	1128	7	1.20.				67	0.0
32.4 6.157 1128 50F 532F 267F 273F 280F 293F 30.9 6.110 1128 396.2	1		+	200	3						,	2

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16201 STATION

KEFLAVIK, ICELAND

5 PSYCHROMETRIC SUMMA JAN 68

TOTAL	Wet Bulb Dew Point		•	4	66	175	138	153	170	111	66	09	20	29	31	20	12	•		1:	-			1239	1631						-	-	0.441
	Dry Bulb	1	11									19						2					1360	75						fore			
TOTAL	D.B./W.B.	1	17	1	154	209	143	148	138	100	56	19	25	35	23	12	2	2						er.	1					th Tempero	280 F		
	15 = 1																													Hours	273 F		
	8 29 - 30																						-							N ON	7 8	-	-
	6 27 - 2						_																+							Wee	-		2
	24 25 - 2																				-		+				-	-		1	\$ 32 F	211.	273.2
	22 23 - :															-							+		-					-	9.0		1
(F)	20 21 -									_						-							+				+	+		-	+	+	+
PRESSION	. 18 19 .			_				-								-							+		+	-	+	+		į	1239	1240	1739
TURE DE	. 16 17												_			-	_						+					+					100
TEMPERA	3 - 14 15																						+			+				,	1.90	60.9	6.300
VET BULB	1 - 12 1																						1							Þ		+	+
	-																						1					T		1	+	+	+
	8 - 2					.2														8			6							3	03738	4370	41654
	5.6																						-	;									
	3 - 4							1		1	-	-	-										2	0.12							1114	6397	1449516
	1.2	•						1						1				*					47.0	26.3						27.2	886	158	144
	•						_	2.1		_		9.		3.									33	. 77									
emp	(F)														-				-	-				1						(%)	H.	N. Bulb	
	WET BULB TEMPERATURE DEPRESSION (F)	WET BULB TEMPERATURE DEPRESSION (F)  1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb	WET BULB TEMPERATURE DEPRESSION (F)  O 11-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb	MET BULB TEMPERATURE DEPRESSION (F)  47  47  48  49  10.12   13 - 14   15 - 16   17 - 18   19 - 20   21 - 22   23 - 24   25 - 26   27 - 28   29 - 30   231   D.B./W.B. Dry Bulb  45  45  10.45	WET BULB TEMPERATURE DEPRESSION (F)  10.1	MET BULB TEMPERATURE DEPRESSION (F)  45  1.3  1.3  47  47  48  1.3  1.3  1.4  4.3  5.6  1.9  4.3  5.6  1.9  4.3  5.6  1.9  4.3  5.6  1.9  1.0  1.0  1.0  1.0  1.0  1.0  1.0	## WET BULB TEMPERATURE DEPRESSION (F)  ## TOTAL  ## TOT	## WET BULB TEMPERATURE DEPRESSION (F)  ## TOTAL  ## TOT	TOTAL  WET BULB TEMPERATURE DEPRESSION (F)  47  47  48  1.3 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./w.B. Dry Bulb  49  41  4.3 5.6 1.9 .6  39  5.0 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./w.B. Dry Bulb  41  42  43  43  43  44  45  46  47  47  47  47  48  49  40  40  40  40  40  40  40  40  40	## WET BULB TEMPERATURE DEPRESSION (F)  47	## WET BULB TEMPERATURE DEPRESSION (F)  ## ## ## ## ## ## ## ## ## ## ## ## ##	## WET BULB TEMPERATURE DEPRESSION (F)  ## ## ## ## ## ## ## ## ## ## ## ## ##	WET BULB TEMPERATURE DEPRESSION (F)  1	TOTAL  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  17 77  77 77  41 4-3 5-6 1-9 -6  39 5-6 7-4 3-1 -5  20 5-2 1 6-6 2-7 -6  31 2-4 4-0 1-7  21 2-5 2-7 1-2  22 2-7 1-2  23 2-7 1-2  24 5-6 2-7  25 2-7 1-2  26 2-7 1-2  27 5-7  28 5-7  29 5-8 1-4  20 1-6 1-6  20 2-7  20 2-	## WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  WET BULB TEMPERATURE DEPRESSION (f)  17	TOTAL  45  1.4  4.5  1.4  1.4	TOTAL  WET BUILD TEMPERATURE DEPRESSION (F)  47  47  43  1.3  44  4.3  4.3  5.6  7.8  9.10  11.12  13.14  15.16  17.18  19.20  21.22  23.24  25.26  27.28  29.30  21.17  17  17  17  17  17  17  17  17  17	WET BULB TEMPERATURE DEPRESSION (F)  47  47  41  43  43  43  43  44  44  45  47  47  47  47  47  47  47	77 77 77 77 77 77 77 77 77 77 77 77 77	10. 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 0.8.48. B.yeule temperature peperssion (f)  45 1.4 4.3 5.6 1.9 4.6 4.3 5.0 4.4 3.1 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	10. 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 0.8.48. Drybulb 14.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	10. 1. 2 3. 4 5. 6 7. 8 9. 10 11. 12 13. 14 15. 16 17. 18 19. 20 21. 22 23. 24 25. 26 27. 28 29. 30 231 0.8. W.B. Daybule 45 1. 3 3. 1 3. 2 3. 2 3. 2 3. 2 3. 2 3. 2	100 1 2 34 56 78 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Bulb. 45 1 45 1 45 1 45 1 45 1 46	TOTAL  WET BULB TEAMPERSION (F)  1. 1	97	WET BULB TEMPERATURE DEPRESSION (F)  1 1 4 4 5 1 1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 20 - 23 1	WET BULLS TEAMPERATURE DEPRESSION (F)  1.2 3.4 5.6 7.8 9.10   11.12   13.14   15.16   17.18   19.20   21.22   23.24   25.26   27.26	45 1.2 3.4 5.6 7.8 9.10 11.13 13.14 15.16 17.18 19.20 21.22 23.26 27.28 79.20 12.31 D.B.W.B. Dry Bulb 14.5 1.4 1.4 1.4 1.5 1.6 17.18 19.20 21.22 23.26 27.28 79.30 1.31 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.	45 1.2 3.4 5.6 7.8 9.10 11.12 13.4 15.0 17.18 19.20 21.22 23.24 22.25 22	WEI BLUE TO THE STATE OF THE ST	45 1 1 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 14 15 - 15 17 - 12 12 23 - 25 12 - 25 12 - 25 12 - 25 12 - 15 1	4 5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 22 22 22 22 22 22 22 22 22 22	1

5 PSYCHROMETRIC SUMMA JAN 68

MONTH	. S. T. J		Wet Bulb Dew Point	4	*	113	112	145	103	109	7	200	2 50	43	4	33	38	42	2	<b>*</b> •	* *	0 10	1198						Total	20.0	750.0
MONTH	PAGE 1	TOTAL	/et Bulb	co	80	157	160	155	35	56	0	0 0	2 5	53	35	32	53	75	2					1198				-			
	0			201	140	163	163	135	100	06	0	00	4	33	31	12	7	2					1200	-				- 1	293 F		
		TOTAL		205	140	163	162	134	100	06	10	0 10	4	33	31	27	7	2			-			1198				Mean No. of Hours with Temperature	≥80 F		
			231 D							1		1																urs with	273 F	1	1
			. 30		-					1				1							1							of Hou	27.		
			. 28 29							1		1		+							1							Wean No	₹ 67 F		
YEARS			. 26 27									1		+							-							1	4	0	9 4
			- 24 25		-							1		-		-					-		+						≥ 32 F	150.0	300.5
			. 22 23		-						_	+		-	-	-				-	1		-						2 0 F		
		(F)	. 20 21		-					-				+							-		-					1	-	-	+
		WET BULB TEMPERATURE DEPRESSION (F)	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22		-					1		1		-							1							No. Obs.	1148	1200	2477
		TURE DE	. 16 17									1		-							1										
		EMPERAT	. 14 15							-		+		+							1		-					ax o	13.034	010.	2070
		F BULB T	. 12 13		-							+		+		-					+		+					- 1	- 1		+
		WE	10 11		-					-	_	+		+		-					+		+					×	0.70	31.5	20.00
STATION NAME			8		-		7.	.2	-	7	_	1		-	_	-	_				+		.3						01424	42428	22164
STATIO			6 7.	0.4	0	0.	0		0.	#	•	3 -	•	+		-		_			+		6.3					×	70	4	39
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			-	2 2	8				3 3.2		6.		- (4	N			•	•			+		18.849.627.0					×	0	7	7
STATION			0		1.9		3.5			_		-	• •										8						1		1
STATION		emp.	E	47	1	-	14		1 37	-	000	-	1 27		-	12/	-	1	1	1 11		, ,	AL					Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb
8		L		0 4	9	44	24	40	38	36	24	175	200		24	122	20	00	16	4 0	K	9 60	TOT					Elen	Re	٥	*

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5 PSYCHROMETRIC SUMMA JAN 68

16201	KEFLAVIK, I	ICELAND			73-77							20,	7
STATION		STATION NAME					17A	YEARS				MONTH	1.1
												PAGE 1 HOURS (L.S.T.)	1 (1.5.7.)
Temp.			WET BI	JLB TEMPERATU	WET BULB TEMPERATURE DEPRESSION (F)					TOTAL		TOTAL	
(F)	0 1.2 3.4	5.6 7.8 9.		13 - 14 15 - 1	10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27	21 - 22 23 -	24 25 . 26	. 28 29 .	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Wet Bulb Dew Point
58/ 57	.1 .3	3. 2.								11	11		
1	0.									38	38	2	
	0.0		· ·							140		15	4
65 /09		2.6 .8	. 3							250		26	53
	5.9									267		243	119
46/ 45	0.4		1.							213	213	283	174
	2.8	-								144		214	189
14 /24	7.7	.8 .2								56	29	151	178
	.1 1.1 1.8	••								43	43	77	151
	1.5	7.								02	20	53	104
	.1 .7	.1								10	10	40	62
34/ 33	7									_	1	22	23
												2	35
67 /05												2	*
													31
62 /90													11
1		+	+						+				0 0
_	8.239.831.614.2	4.2 5.5	10								1200		1199
										1199		1199	
			+										
								-					
Element (X)	2x2	2×	×	σ×	No. Obs.			Mean No. of Hours with Temperature	f Hours wi	th Tempera	ture		
Ref. Hum.	6409162	62196	80.5	13.208	1199	10 F	± 32 F	≥ 67 F	≥73 F	2 80 F	2 93 F		Total
Dry Bulb	5067396	56400	0.14	3.720	1200								720.0
Wet Bulb	418145	22848	44.1	3.730	1199		7.4						720.0
Dew Point	204073	1/684	40.8	5.621	1199		82.3					_	720.0

0 0 0 0 0 0 0

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SYCHROMETRIC	SUMMA

5 P PAGE 1 MONTH 300 YEARS 73-77 KEFLAVIK, ICELAND

	Dew Point			-	2	=	16	229	228	223	165	129	101	52	20	1240									Total	0.447	744.0
TOTAL	Wet Bulb			•	7	22	137	335	320	236	117	4 3	15				1240										-
	Dry Bulb	2-	-	19	64	133	298	339	240	63	51	7	-			1240								e e	≥ 93 F		
TOTAL	8	- 2	-	10	64	133	298	339	240	93	16	^	ī				1240							Mean No. of Hours with Temperature	≥80 F		
	≥31																							Hours wi	≥73 F		-
	29 . 30																							No. of		1.2	+
	17 - 28																							Mean	≥ 67 F	_	
	5 - 26 2		1																						2 F		1
	10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30		$\dagger$								-							_		+	+				= 32		-
	. 22 23		+				+		-		-					+	+		+	+	+	-			≥ 0 F		-
(F)	20 21		+		-		-		-		-					+	-		+	+	-	-				_	1
WET BULB TEMPERATURE DEPRESSION (F)	18 19 .	_	+		-		-				-					-	-			+	+	-		No. Obs.	1540	1240	N. Z. W.
E DEPR	6 17 .		-				L													1	1	1		Š	-	_	1
ERATUR	15 - 1																								90	21	-
B TEMP	13 - 14																							ďx	12.106	3.121	1
VET BUI	1 - 12																							×	85.4	6.65	-
_		.2	2.		.3														T	T	T				83	55	-
	7 - 8 9	-	7.	2	5.	0	c.	-	-		-					5.3	1		+	+	+	1			105843	91866	KAGKA
	7 9.		7.	in	0	3.3	00	2.5	6.		-					-	+	_	+	+	+	1		XX	101	9	*
	.4 5		1	m.		3.6	1	6.5 2		2.1	1.2	~				20.638.126.511.	-		-	-	+	-			6.4	06	-
	8			2	_		_					.2				126	+		-	+	+				6409176	3098690	2811.524
	1.2			•		N	-				7					. 860				1				ZXZ	76	30	1
	0				•	9.	3.	8.0	5	1.5	.5	.2				20.											
á		00	29	57	55	53	15	64	15	45	43	4	30	37	33									(X)	fum.	Sulb	
Tem	(F)	68/	109	58/	199	24/	125	201	184	194	150	451	104	38/	36/	DIA								Element (X)	Rel. Hum.	Dry Bulb	-

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PSYCHROMETRIC SUMMARY

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KEFLAVIK, ICELAND

PAGE 1

Temp							WET BUL	B TEMPERA	TURE DE	WET BULB TEMPERATURE DEPRESSION (F)	(F)						TOTAL		TOTAL	
(F)	0	1.2	3.4	5.6	7 . 8	9 . 10	11 - 12	13 - 14 15	. 16 17	10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25	20 21 - 2	2 23 . 24	. 26	27 - 28	29 . 30	= 31	D.B. /W.B.	Ory Bulb	-	Wet Bulb Dew Point
62/ 61	1	-							+	-							2	2	-	
				.2	. 1	7.											4		-	
58/ 57		.2	. 2	*.													12			
56/ 55		3.4	2	1.1													76	10	7	
54/ 53	.5	1			1	.2				-		-					155	-	**	
	4	6	5.5		1.0	.2											291		175	
65 /05	5.0	10.6			1			-	-			-					288	L	277	L
-	4.4	8.3	3.2														202			234
1	2.3				-	T		-		-	-	-					104			
64 / 43	1.3	2.2	1.7	2													67	-		
-	30							+	-	-	-	-					27	27		110
-	.2		2														6			
1		.2						-	-		-						2	2	15	55
		• 1															-		-	
1																			-	1.08
35/ 31																				-
62 /08																				
TOTAL	20.0	20.041.825.6	25.6	0.6	2.7	1.0	-:											1240		1240
																	1240		1240	
												-								
		1																		
											-									
											-									
Element (X)		2x2			NX XX	-	l×	o'x		No. Obs.	L			Mean	No. of H	lours wit	Mean No. of Hours with Temperature	ature		
Rel. Hum.		126	6614126		100143		99.68	12.298	on	1240	4 0 £	4	≤ 32 F	2 67 F	-	273 F	2 80 F	293 F	4	Total
Dry Bulb		307	3078497		16919	-	1.00	3.512	O.	1240										144.0
Wet Bulb		280	2802448		28800	-	5. 5	3.38	+	1240										144.
Dew Point		520	2568993		56143		45.3	4.670	0	1240			11.4							144.0
																		-	The real Property lies in which the real Property lies in the real Property lies in	

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<b>3</b> 05	PSYCHROMETRIC	SUMMA

PAGE 1 MONTH SEP

YEARS

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KEFLAVIK, ICELAND

PSYCHROMETRIC SUMMARY

СН	KO.	MET	KIC	- :	SU	MM	MA	-	J	AN		8																		
	Wer boild Dew roint		9	110	141	121	100	117	134	121	101	55	47	37	30	30	27	2 10	1200	1								Total	720.0	720.0
10.0	wer boild	-	27	136	171	171	157	152	132	48	55	51	40	21	7	-				1200										+
-	Dry Bulb	22	06	216	213	165	144	114	103	62	45	24	3		7				1200								ure	≥ 93 F		
TOTAL		22	06	216	213	165	144	114	103	62	45	54	33		~					1200							Mean No. of Hours with Temperature	≥80 F		
100	2																										ours wit	≥73 F		
00	26 . %																										lo. of H			+
00	47 87 .																	1				1					Mean N	≥ 67 F		
100	. 24 23 . 20 2/				-		+		-					-				+		-	+	+			-				3	2
																						1						≤ 32 F	5.4	37.8
1	. 74																													-
100	3		-	_	-		-		-		-		-	~	-			+		-	+	+			-	-				
1	7																											± 0 F		
5	2		-		-		+		-	-	-							+		1	+	+			-	1	-			+
WEI BOLB IEMPERATORE DEPRESSION (F)	2																											0	0	0
NESS.	11 - 12 13 - 14 13 - 16 17 - 18 19 - 20 21 - 22 23																					T					No. Obs.	15(	1200	1200
1	=																										ž			
, S	-																										L			
L KA	2		-		-		-		-		_		_					-		-	-	-		-	_	-		328	6/1	267.6
E .																											σ×		4.175	5.692
100			-	-	-		+	-	-	_	-		-			-		+		-	+	+			-	-	+			-
	-																										×	9.28	42.0	42.7
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1	-						L																				Г	4	8	~ 0
		.3		.2		.2		.2											1.3								z×	9166	24018	51182
1	0	2.	6.	2.0	2.	1.7		0.		1.1									10.9											
1	4		1.2	3.7	0.4	4.2	4.1	3.0	3.1	2.7	2.5	1.5	-:					1	1.2									868	856	588
1	7		1		1		1	-	1		1		2.		-			+	.33	-	+	+			-		2x2	8381868	2458958	2216588
1	+		1	3.9	1	2.4	. 1 3	1.2 4	1.6		1		-			_		+	16.140.331.210.9			-					M			
1	2	- 67	L		1	_	3			_	0	6		6	-	5	0 -	- 0		-	-	+				-	-			
Temp.	3		15/	-	L	-	-	-	-	1	-	-	18/	-	17/		63 /		-1								ement (X)	Rel. Hum.	Dry Bulb	Wet Bulb
-	α	4	2	00	00	9	4	2	0	38	36	34	32	0	0	58	4 0	0	-	1						1	E	Sel	0	3

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Wet Bulb Dew Point

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	14		Dew Point		28	76	16	147	116	-	166	011	67	45	20	0	1	60 1	0	2) (4)	-	1240				Total	744.0	144.0	0.44
00.7	PAGE 1	TOTAL	Wet Bulb Dew	4	38	10	138	176	172	300	135	75	56	15	10	2	m	_					1240						
	4	1 1	Dry Bulb	21	6.3	157	152	203	192	183	23	23	11	2	1	4						1540			ure	≥93 F			
		TOTAL	D.B./W.B.	23	4	157	152	203	192	1.53	2 6	23	17	2	-	3							1240		Mean No. of Hours with Temperature	≥80 F			
			= 31							1															ours with	273 F			
		1 1	9 - 30		T					1															o. of H	AI .		_	
			. 28 29		+		+			+		+		+		-		-	1						Nean N	2 67 F			
	YEARS		26 27		+		-			+		+	-	-	-	H			+		-				-		20	2.	7.
			24 25 -		+		-			+		-		-		-			-		-					≤ 32 F	10	34.5	112
			2 23 - 2		-							-																	
			21 - 22																							≥ 0 F			
73-77		WET BULB TEMPERATURE DEPRESSION (F)	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26																						S.	0	0.	0+	0
73		EPRESS	7 . 18																						No. Obs.	1240	12	15	120
1		ATURE D	1 91 - 9		T					1		1		I		T			1							2	0	00	3
		EMPER,	- 14 15		t					+		-		+		-			+						σ×	1.095	4.280	4.078	6.203
		BULB 1	12 13		+		-			+		+		-		-	-		+		-				-		_	-	-
		WET	. 11 0		+					+		+		-		-			+			_			×	86.5	45.	40.4	38.5
	***		٥		1				2	1		-		-		-			1			7				66	45	33	9/
ICELAND	STATION NAME		7 - 8						2.													•			zx	0.72	25245	50133	41316
ICEL			5 - 6			1.0			00 0	1	. 4										1	4.4							
1			3 - 4	2.	0	1.0	2.3	60	W 40	0 0	1.0	9		2.		7:						0.0			2x2	197	156	2023987	154
LAVI			- 2	1.9	1.5	7.3	4.	1.1		7.4	- 20	120	4	T	-1	2.			1		1	4 . 4 2			«×	1631	156627	2053	1507
KEFLAVIK,			0 1				1		3.18	- 1		1		-		-			+		1	1.024			1				
1				m =	+		_			+		1	gard.	0	_	10	m	-10	-	- 10	1	50			-				
-	*	á		53	49	4	45	4	39	-	3.0	5	3	2	27	53	2	7	1	12	13				1 (X)	E.	olb	Bulb	oint

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5 PSYCHROMETRIC SUMMA

JAN	68

1. 3 - 4 5 - 6 7 - 8 9 - 10   1 - 12   13 - 14   13 - 16   17 - 18   18 - 20   13   12   12   12   12   12   12   12															HOURS (L.S.T	S.T.)
1						WET BU	LB TEMPERATUR	E DEPRESSION (F)					TOTAL		TOTAL	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		-	+ -	9.	80	10 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 . 22 23	. 24 25 . 26 2	7 . 28 29 .	- 1	D.B./W.B.	Dry Bulb	- 1	Dew Point
2		4											27	27	22	22
9 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 . 0 .	1		. 3		-								30	30	52	54
101 101 83 10 - 2 10 -			5.										00		39	30
130 130 130 130 130 130 130 130 130 130		5.3			-								101		85	51
10 . 2 11 . 5 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .		2.9	1.5	,ê									130		06	6.9
159 159 163 160 164 16 165 159 165 173 173 73 73 73 73 73 73 73 73 73 73 73 73 7		1	2.0	2.									170		131	06
1.8			2.0	.2									159		163	115
98 68 100  1		-	2.1		-								130	-	164	139
9		4.1	1.8										88		100	124
9 . 6 . 6 . 6 . 6 . 6 . 73 . 6 . 73 . 73		4.	2.1	-							-	-	35	16	80	106
9 .6 .9 .6 .9 .6		5.5	80										73	73	06	72
2		2.5	9.	-								-	63		73	53
2													53		4 4	69
9 .6  9 .6  1200 1200 1200  2 X X X 0 X No.0bx Mean No. of Hours with Temperature  2 X X X 0 X No.0bx 2326 2376 2376 2376 2376 2376 2376 2376	_		2.	+	+	-					-	-	31	16	67	72
29 .6 1200 1200 1200 1200 1200 1200 1200 120	,	9		-									90	60	34	46
2	_		+	+	+					-	-		Y	7	4	20
2		•											•		m	35
24 101446 34.5 10.995 1200 287.4 2978 2808 2897 2808 2874 3958 33.5 6.687 1200 397.2	1	1	-	+	-							-				29
2 x x x 0.0bx. Mean No. of Hours with Temperature 2 x x x 0.0bx. Mean No. of Hours with Temperature 2 x x 0.0 x 0.																16
2x			-													4
2x X X 0x No. Obs. Mean No. of Hours with Temperature 101446 84.5 10.995 1200 20F 532F 267F 237F 280F 293F 41753 34.8 6.326 1200 287.4 39986 33.3 6.687 1200 287.4 397.2																2
2x X X 0x No. Obs. Mean No. of Hours with Temperature 2x X 7x No. Obs. 32 F 23 F 267 F 273 F 280 F 293 F 41753 34.8 6.326 1200 234.6 24 39986 33-3 6.687 1200 287.4	1	-		,												
2 X X X No. Obs. Mean No. of Hours with Temperature 2 101446 84.5 10.995 1200 234.6 234.6 234.6 234.6 234.6 234.6 234.6 234.6 35.3 6.087 1200 287.4 39986 33.3 6.087 1200 397.2	V	27.3												-		1500
2x X 0x No. Obs.  LO1446 84.5 10.995 1200 41753 34.8 6.326 1200 29986 33.3 6.687 1200 297.4 36541 30.5 8.498 1200 397.2													1200		1200	
2χ X X No. Obs. Mean No. of Hours with Temperature 101446 84.5 10.995 1200 20F 232F 267F 293F 41753 34.8 6.326 1200 234.6 39986 33.3 6.687 1200 287.4 36541 30.5 8.498 1200 397.2																
2x X X σx No. Obs. Mean No. of Hours with Temperature 101446 84.5 10.995 1200 20F 232F 267F 273F 280F 293F 41753 34.8 6.326 1200 234.6 39986 33.3 6.687 1200 287.4 36541 30.5 8.498 1200 397.2																
Σχ         χ         σχ         No. Obs.         Mean No. of Hours with Temperature           101446         84.5         10.995         1200         ≤0F         ≥32F         ≥75F         ≥80F         ≥93F           41753         34.6         6.326         1200         234.6         287.4           39986         33.3         6.687         1200         287.4           36541         30.5         8.498         1200         397.2	_															
101446 84.5 10.995 1200 20F 32F 267F 280F 293F 41753 34.8 6.326 1200 234.6 39986 33.3 6.687 1200 287.4 39986 33.5 8.498 1200 397.2		2x2		M	×	×	σ×	No. Obs.			Mean No.	of Hours w	ith Tempera	ture		
41753 34.8 6.326 1200 234.6 39986 33.3 6.687 1200 287.4 36541 30.5 8.498 1200 397.2		8721	950	10	1446	84.5	10.995	1200	20 F	± 32 F	₹ 567 F	273 F	≥80 F			otal
39986 33.3 6.687 1200 287.4 36541 30.5 8.498 1200 397.2		1500	121	3	1753	34.8	6.326	1200		234.6						20.0
36541 30.5 8.498 1200 397.2		1386	920	3	9866	33.3	6.087	1200		287.4						20.0
		1199	108	3	1969	30.5	8.498	1200		397.2						20.0

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IRIC	SUMMA	JAN	68

0 1.2 3.4 3.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 11.23 22.73 25.23 25.20 231 D24.WB D7 public Workshop 15.2 4 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mp.							WET BL	JLB TEMP	ERATURE	WET BULB TEMPERATURE DEPRESSION (F)	(F)					1	TOTAL			
2	(3)	-			1		6	0 11 . 12	13 - 14	15 - 16	7 - 18 19 -	20 21 - 22	23 - 24	. 26		29 .	≥ 31	D.B. /W.B.	Dry Bulb	Wet Buib	Dew Point
23 2.4 3.9 1.9 .9	3 4	· .	ć															24		- 2	~-
23			3.	4			-	+						1				6.0		37	22
25 2.4 2.7 .9 .9 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2		2.4	4 0															40		59	4
33 1.9 3.9 1.5 .2 34 2.7 0.3 1.7 .1 35 2.3 3.9 1.7 .2 36 2.4 0.3 1.7 .1 37 2.2 1.2 1.2 38 2.4 0.3 1.7 .1 39 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 2.4 0.3 1.7 .1 30 3.4 0.3 1.7		5.4	2.7	0														71		19	52
33	-	1.9	3.9	1.5														16		11	55
33 2.7 6.3 1.7 1 132 132 120 2	-	2.3	3.9															105		96	49
25 2.3 5.1 8 1.3 1.3 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	-	2.7	6.3															132		107	16
29 2.4 6.3 1.5 127 127 133 127 2.5 2.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4	-	5.4	6.0															132		129	66
25 2.1 5.1 5.8 6 26 2.1 5.1 5.1 6 27 2.2 4.9 6 28 2.1 5.1 6 29 99 99 99 99 99 99 99 99 99 99 99 99 9	-	4.5	6.3	1.5														127		133	109
25 2.1 5.1 .8  25 3 .84.3 .6  26 4.3 .6  27 73 73 73 79 79 85  28 4.3 .6  29 99 99 99  20 70 70 85  21 1.1 4.1 .6  20 1.2 .6  21 1.1 4.1 .6  21 1.1 4.1 .6  22 2 1.1  23 3.2 .6  24 2.2 .6  25 3.3  26 2.3 5.4  27 7.2 .7  28 2.1  29 99 99 99 99  29 99 99 99  20 2.1  20 2.2  20 2.3  20 2.3  20 2.4		2.3	4.0	0.				-										4		127	104
23		2.1	5.1	100														66		66	90
1			4.3	0			-	-										70		85	16
19		1.1	4.1	9.														73		16	101
117 . 3 1. 8 . 5		100	2.0															3		39	63
13 . 5 . 6 . 1			1.00															32		36	9
13 . 6 . 1	1	5.	0				-	-										15		20	49
11																		80		10	41
26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  27.24  28.25 .7 .2 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	1		•				-											=	-	-	16
26.359.4[3.0 .7]  26.369.4[3.0 .7]  26.369.4[3.0		•																wn		13	22
26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  28.35		1	2.															2		3	
26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  26.359.4[3.6 .7]  27.																				~	16
26.359.413.6 .7																					11
26.359.413.6 .7  26.359.413.6 .7  (X)	-																				in
26.359.413.6 ./  26.359.413.6 ./  (X) \$\frac{\text{x}\pi_{\text{X}}}{\text{N}} \frac{\text{x}}{\text{N}} \frac{\text{N}}{\text{N}} \																					Λ.
																					-
Σχ² Σχ	AL	26.3	4.60	13.0	•													1240		1240	1500
Σχ²         Σχ         X         σx         No. Obs.         Amean No. of Hours with Temperature           8945256         104320         84.1         11.076         1240         50F         23F         273F         280F         293F           1245591         38187         30.8         7.494         1240         424.6         267F         273F         280F         293F           1448105         36539         29.5         7.591         1240         482.4         682.4           969477         32707         26.4         9.283         1240         3.6         543.6																					
8945256 104320 84.1 11.676 1240 sor s32r 267r 273r 280r 293r 1245591 38187 30.8 7.494 1240 424.8 482.4 188105 36539 29.5 7.591 1240 482.4 482.4 9.283 1240 3.6 543.6	ent (X)		ZX2			××	-	×	O'X	1	No. Obs.	1			Mean	No. of	Hours w	ith Temper	ature		
1245591 38187 30.8 7.494 1240 424.8 1148105 36539 29.5 7.591 1240 482.4 969477 32707 26.4 9.283 1240 3.6 543.6	Hum.		768	2526		643		84.1	11.0	10	1240	2 0 E		32 F	2.67	14	≥73 F	≥ 80 F	H		otal
1148105 36539 29.5 7.591 1240 482.4 969477 32707 26.4 9.283 1240 3.6 543.6	Bulb		124	1655		381		30.8	1.4	76	1240		4	54.0							0.44
969477 32707 26.4 9.283 1240 3.6 543.0	+ Bulb		114	8105		365	-	56.5		16	1240			35.4							0.44
	v Point		36	11.56		321		59.4	-	33	1240	3		43.0						_	0.44

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16201 STATION

KEFLAVIK, ICELAND

PSYCHROMETRIC SUMMARY

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																-	PAGE 1 HOURS (L.S.T.	(LST)
Temp.		1		1 1		WET BUL	8 TEMPER	WET BULB TEMPERATURE DEPRESSION (F)	SION (F)		1 1	1 1			TOTAL		TOTAL	
3	0 1.	2 3.4	4 5.6	7 - 8	9 - 10 11	11 - 12	13 - 14 15	. 12 13 . 14 15 . 16 17 . 18 19 . 20 21	19 - 20 2	. 22 23	. 24 25 .	26 27 . 28	29 . 30	≥31 €		Dry Bulb	Wet Bulb	Dew Point
68/ 67		0		0	•										NM	~ ~		
-		0	0				-		+	+	+	-			-		-	
		0	• •	1											2	32	4 4	44
1		2	3												141	141	11	
54/ 53	-	0	8	7 .2		0.					_				365	365	69	27
-	8	1 4														888	359	19
-	1.9 3.	2		9 .2		0										1265	899	641
-	6.	N	2				-				-					1352	1226	85
54 /95	1.3 4	4.0 1.	7	1. 0	0.											1115	1356	86
1	200	2.0		•												1209	1282	1090
42/ 41	0	-	7	4 .1												1120	1203	1120
-	-7	12.		Ĺ								-			1	1195	1238	116
38/ 37	1.3 3.0	5 1.		100											-	1039		
-	0	7		0. 6											1	196	1	
-				1											892	892	-	
18 /28	1.2 2.	5	. 2	0											725	725	1	1
-	2			Ó											575	575		82
12 /82	7 9.	. 2.		0											495	495	618	674
-	~	•	*												385	382		54
67 /52	7	. 0.	2												319	318		53
-															259	259		40
50/ 19		0	0												134	134	234	344
-		· .													63	63		588
-	1.	7	0												55	26	4 00	24
-	•														6	6	17	17
11 /21	0.	. 1													11	11	^	06
	0.	0.													s.	2	13	-
/ /8		0.													Ni	2	9	2
-																	7	25
6/13																		-
1		-								1		-						
2/- 3																		en -
Element (X)	2x2			××		×	G <sub>x</sub>	No. Obs.	38.			Mean	No. of H	ours with	Mean No. of Hours with Temperature	J.e		
Rel. Hum.										≥ 0 F	≥ 32 F	₹ 67	F	≥73 F	≥ 80 F	≥ 93 1	-	Total
Dry Bulb																		
Wet Bulb																		
					-	1			-		-			-				-

USEAN-YEOS NIN

ALL NONTH GE 2 HOURS (L.S.T.)		1,6597			Total	8760.0	8760.0
PAGE 2	TOTAL Ib Wet Bulb	14597			2 93 F		
	B. Dry Bu	14601			+	+	-
	TOTAL D.B./W.E	14597		admar mi	280 F		
	231			w stoon	273 F		
	. 28 29 - 30		A Second	ממו אס. ס	20/ F	2	
YEARS	5 - 26 27			1	-	31.	8.5
	23 - 24 2			1	2 2	728	3.63198.5
	F) 0 21 - 22			1	101		3
13-11	WET BULB TEMPERATURE DEPRESSION (F) 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27		d	No. Obs.	1000	14597	14597
	ATURE DEP 5 - 16 17			1			
	13 - 14 1		9.5	17.36K	E 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 4 2	9.775
	WET BUI	6. E.	b	XXX	0	28.0	35.1
STATION NAME	.8 9 .10		+				
STATION	5.6 7		-	1220351	7 1 1 1 1 1	334	513047
	3.4			5670	200000000000000000000000000000000000000	22139871	19427199
XEFLAVIK,	1.2	20.248.723.3	6.78	104749458	2000	2213	2561
×	•	• 02		1	+	+	
STATION	Temp. (F)	OTAL		Clement (A)	Rei. Hum.	Dry Bulb	Wet Bulb Dew Point

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10201	1	STATE OF THE	1001	2011						VEABS			-	
SIATION			•	5						LEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	MEAN S. D. TOTAL OBS	30.9	32.2	34.6	36.5 6.931 150	41.3	3.395	48.6 2.501 155	3.367	43.8	41.5 4.202 155	34.7	31.1 7.218 155	39.2 8.295 1824
03	S. D. TOTAL OBS	30.9 6.158	32.0 6.339 141	34.3	36.3	40.3 5.019	3.737	2.588	3.552	4.865	41.5	34.6	30.9 7.539 155	38.7 8.190 1825
8	S. D. TOTAL OBS	30.9	31.9	34.1	35.3	4.893	3.523	48.1	3.469	5.094	41.4	34.6	7.677	38.7 6.252 1625
00	S. D. TOTAL OBS	31.1 5.991	31.7	34.4	37.6	43.0	3.440	49.6 2.619 155	2.946	44.4	41.3	34.5	30.5 7.938 155	39.6 8.713 1825
12	S. D. TOTAL OBS	31.4 5.921	33.0 6.037 141	36.1	39.2 6.617 150	5.128	3.078	51.1 2.772 155	50.9 3.031	46.8	43.2 3.935 155	35.1 6.101 150	30.9	41.0 8.954 1825
15	S. D. TOTAL OBS	5.934	33.4	37.0 5.711	40.0 6.632 150	45.9	2.974	51.9 3.112 155	3.085	3.957	3.658	35.5 6.079 150	30.9	9.043
2	S. D. TOTAL OBS	31.3 6.202 155	32.6	36.3	39.3	45.3	2.686	51.6 3.015 155	51.3 3.136 155	4.077	42.6	34.8 6.345	30.6 7.365 155	41.0 9.160 1826
21	S. D. TOTAL OBS	31.2	32.4 6.010	35.2 6.249 155	37.8	43.6	3.005	50.3 2.666 155	3.220	44.5	4.096	34.6 6.559 150	7.129	8.730
ALL	S. D.	31.2 6.109 1233	32.4 6.158 1128	35.2	37.9 6.870 1200	\$3.1 5.298 1240	3.720	3.122	3.513	45.0	42.1 4.280 1240	34.8 6.327 1200	30.8	8.735

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OFFITED BY THE STANDARD REGISTRA

WET-BULB TEMPERATURES DEG F FROM MOURLY DRSERVATIONS

10501		-			The second secon		-							
STATION			S	STATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	29.7		w	3	.6		•		-	-		29.8	37.5
00	S. D.	6.400	5.879	6.2	7.378	5.061	3.919	2.776	3.517		4.753		4	•
	TOTAL OBS	153		15	-	-5	7	5	-5	1	2	2	5	82
	MEAN	70 7		20	4		6	2	2	-	0	3	6	-
	0		200					1 1	14		10	4		28
03	TOTAL OBS	156			140		150		155			150		1824
	MEAN	29.7	30.4	2	*	30	3.0	1.	;	-	39.8	33.2	29.4	N
90	S. D.	6.355		6.24	7.405	5.133	4.117	-	3.692	0	0	00	7.7	~
	TOTAL OBS	154	- 1	155	-	-	1.5	15	-	2	15	15	15	82
	NATA	0 00		6	4	0				0	0		0	
	0 %	24.0		26.36	7	4 6	* "	-	10	1 00	4.00	6.6		. 8
60	TOTALOBS	1110	141			250		155				•		1825
					N		4	4		4			4	
	MEAN	30.2		34.	7.	-		00	8	100			100	
12	S. D.	6.153		6.12	-	-	4	0	-	4	4.4	6.43	7.85	.53
	TOTAL OBS	154	141				150				15			8
	MEAN	30.4		34	-	-		25	00		-	3.0	6	6
	S. D.	6.088		6.00	1		10				4.21	6.5	7.522	8.52
	TOTAL OBS	154	141									15	-	8
	MEAN	30.0	31.1	34	7	-		80	8	m	0	3.3	29.	
18	S. D.	6.400	6.026	6.24	-	00	-	0	.0	4.91	4.45	6.68	7.42	62
:	TOTAL OBS	155	141											1826
	MEAN	6.62		33.	.0	0	;		-	~		33.1	4	38.0
21	S. D.	6.428		6.56	6.954	4	00				4.5	6.0	7.19	*
	TOTAL OBS	155	141			155	149			13	15	15	-	182
	MEAN	30.0			9	0	1	7	-	N	0	1	29.	00
ALL	S. D.	6.275	6.111	6.301	7.203	5.084	3.930	2.861	3.384	5.293	4.678	6.588	7.592	8.48
CHOOKS	TOTALOBS													

0

DEW-POINT TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

73-77

KEFLAVIK, ICELAND

16201

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	0 40	a to		0	4		14		0	00	0	4	
					•				*		1	1		
00	'n	1.956	7.029			29		0	23	0	. 23	. 0	000	-
	TOTAL OBS	153	141	155	150	155	15	155	155		155	150	155	1824
				- 1				1						1
	MEAN	27.2		30.	0	03			6.44	-	-	-4		00
03	. D.	7.745		7.91	. 51	84.	80	.89	.72	. 18	.26	. 38	61.	.68
	TOTAL OBS	154	141											1824
	MEAN	27.2		29.	-	. 9	:	5	4	6	37.8		. 0	;
90	S. D.	7.649	7.699	7.89	00	-	5.643	3.806	4.762	7.256	.38	.57	6.497	9.805
	TOTAL OBS	154		- 1	-	-	-	-	-	-	-			-
				1			1	1		1	1			1
	MEAN	27.1	27.5	29.8			0	45.5	45.3	0	20			
60	S. D.	7.730		8.02	.57	14.	-4	.14	. 62	.01	.35	*	00	06.
	TOTAL OBS	154		7		-		-	1	-	155	150	155	
	MEAN	27.4			6	0	1	100	10	0	00	-	9	100
12	S. D.	7.806		8.011	9.393	6.464	6.234	4.332			N		619.6	76
	TOTAL OBS	154	141	15	-	7	-	-						-
	MEAN	27.8	28.4	31.	PE	9		100	8	0		0		10
25	S. D.	7.745	7.456	8.23	0	N	0	0	0	10	0	4	0	19
	TOTAL OBS	154	141											1825
	MEAN	27.3	28.2	31.	3	0		3		0		4.0		100
18	S. D.	8.103	7.186	8.051	9.270	6.851	5.838	4.093	4.745	7.324	6.040	8.391	9.181	9.772
	TOTAL OBS	155		15	-	-	15	-	-	15	5	3	-	18
	MEAN	27.0			2.		0		5					
21	S. D.	6.028		38	66	5.53	4	. 82	-	.22	.03	.72	.83	.77
	TOTAL OBS	155	141	154						150	155			1824
III	MEAN	27.2	27.9	30.	2	.0	0			0	38.2	16.0	.0	3
HOURS	S. D.	7.829		8 . 0 48	9.377	6.563	5.822	4.030	4.671	~	6.2	8	9.283	9.776
	TOTAL OBS	1233		123	119	124	110	24	124	12	124	120	124	459

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
HINOW	(L.S.T.)	%01	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	OBS.
JAN	00	100.0	100.0 160.0 100.0	100.0	100.0 100.0	100.0	98.7	90.5	1.99	38.6	85.2	153
	60	100.0	100.0	100.0	100.0	100.0	98.7	54.5	71.4	41.6	86.8	154
	90	100.0	100.0 100.0	100.0 100.0		100.0	100.0	3.46	69.5	7.76	86,2	154
	60	100.0	100.0	100.0	100.0	100.0	98.1	87.0	68.2	45.9	85.6	154
	12	100.0	100.0	100.0	100,0	100.0	4.66	89.0	67.5	6.04	85.7	154
	5	100.0	100.0	100.0	100.0	100.0	98.1	7.78	2.99	39.6	85.3	154
	16	100.0	100.0 100.0	100.0	100.0	100.0	100.0	85.8	67.1	37.4	85.7	155
	12	100.0	100.0	100.0	100.0	100.0	98.1	90.3	66.5	36.1	84.7	155
TOTALS	ALS	100.0	100.0 100.0	100.0 100.0 100.0	100.0	100.0	98.9	89.8	67.9	39.6	85.7	1233

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL TIVE NO DE	-	.1 141	141 6.	101	141 9.	.7 141	141 50	.3 141	.7 141	3 4 2		
MEAN	HUMIDITY	84.1	84.9	83.9	84.6	83.7	82.5	84,3	63.7			
	%06	34.0	35.5	35.5	36.9	35.5	33,3	33.3	8.62			
	80%	2.99	0.99	62.4	63.8	9.66	53.9	62.4	01.0			
ATER THAN	70%	87.9	87.2	84.4	8.06	83.7	78.7	88.7	88.7			
HUMIDITY GRE	%09	98.6	6.76	98.6	98.6	100.0	98.6	97.9	99.3			
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	90%	100.0	100.0	100.0	10000	100.0	100.0	100.0	100.0			
GE FREQUENCY	40%	100.0	100.0	100.0	100.0	100.0	100.0		100.0			
PERCENTA	30%	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0	100.0 100.0 100.0	100.0 100.0	100.0 100.0 100.0 100.0 100.0			
	20%	100.0		100.0	100.0 100.0	100.0	1	100.0	100.0			
	10%	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0			
HOURS	(LS.T.)	00	60	90	60	12	15	18	21			***
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		PERCENTA	GE FREQUENCY	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL NO. OF
	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	088.
	0.00	100.0	100.0 100.0 100.0 100.0	100.0	4.66	90.3	66.5	35,5	85.0	155
-	0.00	100.0	100.0 100.0 100.0 100.0 100.0	100.0	98.7	7.78	67.7	32.9	84.7	155
	0.001	100.0	100.0 100.0 100.0 100.0 100.0	100.0	98.1	7.78	65.2	35.5	84.7	155
-	0.001	100.0 100.0 100.0	100,0	4.66	94.8	86.5	63.9	34.8	84.2	155
-	0.001	100.0 100.0 100.0 100.0	100,0	4.66	93.5	19.4	58.1	32.9	82.3	155
-	0.00	100.0 100.0 100.0 100.0	100.0	7.86	91.6	71.6	57.4	28.4	90.0	155
-	0.00	100.0	100.0 100.0 100.0 100.0	100.0	95.5	82.6	63.9	33.5	83.8	155
-	0.00	100.0	100.0 100.0 100.0 100.0	100.0	8.96	63.8	65.6	38.3	84.6	154
-	00.00	100.0	100.0 100.0 100.0 100.0	90.7	96.1	96-1 83.7	63.5	34.0	83.7	1239

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN
30% 40%	906	906
00.00 100.0	0 100.0 100.0 100.0	100.0 100.0 100.0
0.001 0.00	0 100.0 100.0	100.0 100.0 100.0 100.0 100.0
0.001 0.00	0 100.0 100.0	100.0 100.0 100.0 100.0 100.0
0.001 0.00	0 100.0 100.0	100.0 100.0 100.0 100.0 100.0
0.001 0.00	0.001 0.001 0	100.0 100.0 100.0 100.0
0.001 0.00	0.001 0.001 0	0.001 0.001 0.001 0.001
0.001 0.00	0.001 0.001 0	100.0 100.0 100.0 100.0
0.001 0.00	0 100.0 100.0	100.0 100.0 100.0 100.0

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOOP	OBS.	155	155	155	155	155	155	155	155	1240
MEAN	HUMIDITY	82.5	84.2	85.7	78.6	73.6	71.1	72.9	77.3	78.2
	%06	25.2	26.5	37.4	12.9	12.3	12.9	12.9	11.6	19.0
	%08	57.4	1.69	74.2	47.1	30.3	27.1	27.7	39.4	46.6
ATER THAN	70%	86.5	0.68	6006	75.5	\$6.8	52.9	\$7.4	1.69	72.3
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	96.8	97.4	4.70	61.0	9.08	76.8	78.7	91.6	80
OF RELATIVE	%05	9.66	100.0	100.0	98.1	97.4	91.0	95.5	7.86	97.5
GE FREQUENCY	40%	100.0	100.0	100.0	100.0	4.66	97.4	7.86	7.86	99.3
PERCENTA	30%	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0	4.66	100.0	100.0	99.9
	20%	100.0	100.0	100.0	100.0	100.0 100.0 100.0	100.0	100.0 100.0 100.0	100.0 100.0	100.0
	10%	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0 100.0
HOURS	(LS.T.)	00	60	90	60	12	15	18	12	TOTALS
MONTE		HAY								TOT

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KEFLAVIK, ICELAND

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOOP	OBS.	150	150	150	150	150	150	150	149	1199
MEAN	HUMIDITY	83,3	86.2	86.7	90.08	76.6	74.4	74.8	78.7	80.2
	.%06	22.7	37.3	•1.3	26.0	18.0	14.7	12.7	18.8	23.9
	80%	2.09	71.3	74.0	20.7	45.0	38.0	34.0	1.64	52.6
ATER THAN	70%	0.88	0.46	92.0	78.7	2.09	62.0	1.49	71.1	77.2
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	0.86	66.3	1.86	0.96	81.3	81.3	84.7	91.9	4.16
OF RELATIVE	\$0%	100.0	100.0	100.0	99.3	97.3	4006	7.46	97.3	97.6
GE FREQUENCY	40%	100.0	100.0	100.0	100.0	99.3	99.3	100.0	100.0	8.66
PERCENTA	30%	100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0 100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0
	20%	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0 100.0	100.0
	10%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
HOURS	(LS.T.)	00	03	90	60	12	15	10	21	STY
TINON	E L	NOS								TOTALS

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155	1240
MEAN	HUMIDITY	88.6	90.1	90.06	86.5	81.9	80.3	80.3	94.6	4.68
	%06	45.8	49.7	53.5	41.3	26,5	26,5	26.5	33.5	37.9
	80%	76.1	80.6	81.3	65.8	56.8	47.1	47.1	61.9	6.40
ATER THAN	70%	1.96	98.1	98.1	7.68	74.8	72.9	77.4	85.8	0.08
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	100.0	100.0	100.0	100.0	8.46	65.6	92.3	7.66	97.6
OF RELATIVE	20%	100.0	100.0	100.0	100.0 100.0	100.0	98.1	10000	100.0	8.66
GE FREQUENCY	40%	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PERCENTA	30%	100.0 100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	0.001 0.001 0.001
	20%	100.0	100.0	100.0		100.0	100.0 100.0 100.0	100.0	100.0	100.0
	%01	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	0.001	100.0
HOURS	(LS.T.)	00	60	90	60	12	15	18	21	TOTALS
HINOM		300								TOT

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

THE OF	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
WOW I	(LS.T.)	10%	20%	30%	40%	50%	%09	20%	80%	%06	HUMIDITY	OBS.
AUG	00	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0	68.1	1.96	75.5	41.3	0.88	155
	03	100.01		0.00 100.0 100.0 100.0	100.0	100.0	4.66	8.96	81.3	51.6	99.6	155
	90	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0	100.0	96.1	80.0	52.9	89.8	155
	60	100.01	100.0	0.001 0.00	100,0	4.66	4.76	91.0	67.1	40.0	86.2	155
	12	100.0	100.0 100.0 100.0	100.0	7.65	97.4	95.5	78.1	55.5	30.3	82.3	155
	15	100.01	100.0	0.001 0.001 0.00	100.0	97.6	89.7	76.1	56.8	27.7	81.2	155
	16	100.01	100.0	0.001 0.001 0.00	100.0	97.4	91.6	76.8	56.1	32.3	82.2	155
	77	100.0	100.0	00.0 100.0 100.0	100.0	98.1	8.96	91.6	63.2	40.0	85.7	155
0	TOTALS	100.001		0.00 100.0	6.66	98.7	96.1	87.8	6.00	39.7	85.6	1240

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

E NOW	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
	(LS.T.)	%01	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
SEP	00	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0	66.3	86.7	63.3	34.0	4.58	150
	60	100.0	100.0	100.0 100.0 100.0 100.0	100,0	100.0	66.66	92.7	2.99	40.7	4.48	150
	90	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0	98.0	92.7	0.99	41,3	86.3	150
	60	100.0		100.0 100.0 100.0 100.0	100.0	100.0	67.3	81.3	61.3	34.7	83.8	150
	12	100.0	100.0	100.0	100.0 100.0	100.0	87.3	67.3	44.7	26.7	78.7	150
	15	100.0	100.0 100.0	100.0	66.66	98.0	84.0	0.49	45.3	22.7	77.4	150
	18	100.0	100.0	100.0	100.0	10000	88.0	72.0	46.7	24.7	79.2	150
	21	100.0	100.0	100.0 100.0 100.0 100.0	100.0	100.0	98.0	83.3	62.7	30.7	63.9	150
TOT	TOTALS	100.0	100.0 100.0	100.0	6.66	8.66	93.9	80.0	57.1	31.9	82.6	1200

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 99.4 99.4 91.6 78.1 0 100.0 98.7 91.6 83.2 0 100.0 98.1 91.6 77.4 0 99.4 95.5 87.7 69.0 0 100.0 96.1 89.0 71.6 0 100.0 96.1 89.0 71.6 0 100.0 96.1 91.6 74.2	100.0
99.4 99.4 91.6 100.0 98.1 91.6 100.0 98.7 91.6 99.4 95.5 87.7 98.7 96.1 80.6 100.0 96.1 89.0	100.0 100.0
99.4 98.7 91.6 100.0 98.1 91.6 99.4 95.5 87.7 98.7 96.1 80.6 100.0 96.1 89.0	100.0 10 100.0 100
99.4 95.5 87.7 99.4 95.5 87.7 98.7 96.1 80.6 100.0 96.1 89.0	100.0 1
99.4 95.5 87.7 99.4 95.5 87.7 98.7 96.1 80.6 100.0 96.1 89.0	100.0
99.4 95.5 87.7 98.7 96.1 80.6 100.0 96.1 89.0	100.0
100.0 96.1 89.0 100.0 96.1 89.0	100.0
100.0 96.1 89.0	0.001
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	150	150	150	150	150	150	150	150		1200
MEAN	-	84.2	84.2	85.0	85.2	85.7	83.7	84.2	84.1		86.5
	%06	31.3	32.0	36.0	38.7	37.3	29.3	29.3	33.3		33.6
	80%	62.7	64.7	62.0	65.3	68.7	61.3	64.7	62.7		0.40
TER THAN	70%	88.7	86.0	89.3	68.7	91.3	87.3	0.06	1.06		0.68
HUMIDITY GREA	%09	98.1	98.0	66.3	48.7	66.3	0.86	66.66	0.96		4.80
OF RELATIVE	\$0%	100.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0		0.00
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	40%	100.0	100.0	100.0		100.0			100.0		100.0
PERCENTA	30%	100.0 100.0 100.0 100.0	100.0	100.0 100.0 100.0 100.0	0.001 0.001 0.00	100.0 100.0 100.0	100.0 100.0 100.0	100.0 100.0 100.0	0.001 0.00		100.0
	20%	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
	%01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0
HOURS	(1.5.T.)	00	60	90	60	12	15	18	2.1		TOTALS
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- 1	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	RELATIVE NO. OF
20% 30%	50% 60% 70% 80%	+
100.0 100.0 100.0	100.0 98.7 89.0 60.0	35.5 84.0
100.0 100.0 100.0 100.0	100.0 99.4 90.3 60.0	30.8 84.2
100.0 100.0 100.0	100.0 98.7 89.0 62.6	35.5 84.4
100.0 100.0 100.0 100.0	99.4 96.8 88.4 62.6 3	32.9 84.0
100.0 100.0	99.4 97.4 85.2 65.2 3	32.9 83.9
100.0 100.0 100.0	100.0 96.1 90.3 65.8	27.7 83.9
100.0 100.0	98.7 98.7 96.1 87.1 67.1 3	39.4 84.6
100.0 100.0	100.0 100.0 95.5 87.7 62.6 3	34,2 84.1
0.001 0.001 0.001		

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### RELATIVE HUMIDITY

KEFLAVIK, ICELAND 16201

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73-77

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

77.7	HOURS			PERCENTA	AGE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MON	(LS.T.)	10%	20%	30%	40%	\$0%	%09	70%	80%	%06	HUMIDITY	088.
JAN	ALL	100.0	100.0	100.0	100.0	100.0	6.86	89.8	6.70	39.6	65.7	1233
83		100.0	100.0 100.0	100.0	100.0	100.0	7.86	86.3	62.0	34.2	84.0	1128
X A		100.001	100.0	100.0	100.0	1.66	96.1	83.7	63.5	34.0	83.7	1239
APA		100.0	100.0 100.0	100.0	100.0	99.1	93.7	0.64	0001	33,2	82.6	1198
YAX		100.0	100.0	6.66	66.3	97.5	8.8	72.3	46.6	19.0	78.2	1240
200		100.0	100.0	100.0	8.66	4.70	91.4	2.77	52.6	23.9	80.2	1199
JUL		100.0	100.0	100.0	100.0	8.66	97.4	96.6	9.40	37.9	85.4	1540
AUG		100.0	100.0 100.0	100.0	6.66	7.86	96.1	87.8	6.99	39.7	85.6	1240
SEP		100.0	100.0	100.0	6.66	8.66	63.9	80.0	57.1	31.9	82.6	1200
100		100.0	100.0 100.0	100.0	100.0	9.66	9.76	4.68	73.5	42.8	86.5	1240
NO.		100.0	100.0 100.0	100.0	100.0	6.66	4.86	0.68	0.49	33.4	84.5	1200
DEC		100.0	100.0	100.0	8.66	7.66	97.3	4.88	63.2	34.4	84.1	1240
10	TOTALS	100.0 100.0	100.0	100.0	6.66	99.3	95.7	84.1	61.8	33.7	83.6	14597

THINED BY THE STANDAND REGISAL COMPANY.

TEMPERATURE	
AIR	
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ENCY	20
FREQU	
CENTAGE FREQU	
PERCENTAGE FREQUENCY OF AIR TEMPERATURE	

	JANUARY	MONTH
WIND DIRECTION	JAN 1973 - DEC 1977	YMARS
	. ICELAND	STATION NAME
	KEFLAVIK	

ALL

TEMP.	N Z S	NN &	ENE 8 E	ESE & SE	SSE & S	\$ 5W	wsw 8 w	W N W W	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 - 171											
200											
9 0 7											
111 07 701		1									
102 TO 106											
101 07 76											
92 10 96											
16 01 78											
82 TO 86											
18 07 77											
72 TO 76											
17 07 78											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46		1.0	4.7	32.8	31.6	4.6				96	5.5
37 TO 41		4.9	22.6	23.0	24.4	0.0	5.5			154	13
32 TO 36	3.7	12.4	22.1	12.4	17.9	74.2	13.2	407		380	30.8
27 TO 31	8.1	58.6	24.6	- w	2	0.1	13.9	2.5	2.0	240	28
22 TO 26	22.8	37.1	16.8	4.0	1.5	1.0	11.4	4.5		207	10.4
17 10 21	36.8	32.9	15.8	9.5			3.9		-	16	2.0
12.70 16				100.0						-	1.
11 01 7											
2 10 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 70-14											
-23 10-19											
-28 TO-24											
-33 10-29											
-38 TO-34											
-43 10-39											
-48 10-44											
-53 10-49											
-58 TO-54											
59 & LWR											
TOTALS	5.6	20.1	20.1	12.2	12.6	2.5	10.8	0.6	*	1233 100.0	100

NAVWEASERVCOM

RE	
RATU	
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OF	
FREQUENCY	3/
PERCENTAGE FREQUENCY OF AIR TEMPERATUR	
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NWW NNE ENE SSE SSW WSW CALM TOTAL ST. 1.6 5.6 10.5 1.1 1.2 2.4 1.1 1.2 2.1 1.1 2.2 2.4 1.1 1.2 2.4 1.	NAW NAW WAW WAW WAW WAW WAW WAW AND DIRECTION  NAW NAW ANE ESE SS SS SS SS SS SS SS SS SS SS SS S	KEFLAVIK	- 1				7	JAN 1973	3 - DEC	1977		TEO NO DE	-
NW NNE ENE SSE SSW WNW GALVA TOTAL STREET SSW WNW SAN WNW GALVA TOTAL STREET ST	S. 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				AME		WIND DIRE	CTION	7 E A R			NON	r
1.6 43.5 50.7 6.3 1.6 5.4 17.0 26.5 37.1 11.2 3.1 6.4 224 19 1.6 10.1 26.9 26.9 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10	1.6 15.4 17.9 24.6 37.1 11.2 3	TEMP.	NN NN NN NN NN NN NN NN NN NN NN NN NN	NNE NE	ENE ENE	ESE & SE	SSE	SSW 8 SW	wsw 8 w	www.	CALM	TOTAL FREG.	% OF TOTAL
1.4 43.5 50.7 4.3  1.4 5.4 1.4 5.5 50.7 4.3  1.4 16.1 26.3 16.4 16.4 16.5 16.1 16.2 2.4  1.4 16.1 26.3 16.4 16.4 16.5 16.4 16.4 16.5 16.4 16.4 16.4 16.4 16.4 16.4 16.4 16.4	1.6 15.4 17.9 24.6 3.1 11.2 3.1 1.2 5.4 17.9 24.6 13.1 11.2 3.1 11	122+											
1.6	1.6	117 10 121											
1.6	1.6 5.4 17.9 43.5 50.7 4.3 3.1 1.6 15.4 17.9 14.6 3.1 1.6 1 16.8 16.1 16.8 10.5 11.1 .5 16.1 16.8 16.1 16.8 16.1 16.8 16.1 16.2 16.2	112 TO 116											
1.6 15.9 24.6 37.1 11.2 3.1 1.4 224 12.1 1.6 2.2 11.1 2.2 24.1 12.2 24.2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	1.6 15.1 15.2 10.2 11.1 5.6 11.1 5.6 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.3 33.3 3	111 07 701											
1.6 15.4 17.9 24.8 37.1 11.2 3.1 1.0 224 19 1.6 15.4 17.9 24.8 37.1 11.2 3.1 1.2 3.1 2.2 3.0 3.3 3.3 33.3 33.3 33.3 33.3 33.	1.6 43.5 50.7 4.3 11.2 3.1 1.6 5.4 17.9 24.6 37.1 11.2 3.	102 TO 106											
1.4 43.5 50.7 4.3 1.4 5.4 17.9 24.5 37.1 11.2 3.1 1.2 224 19 1.6 15.1 25.3 15.8 15.1 15.2 35.1 1.2 254 22 9.5 45.9 13.9 5.6 3.6 17.1 1.7 5.9 19.8 137 137 137 137 137 137 137 137 137 137	1.6 5.4 17.9 24.5 37.1 11.2 3.1 1.6 6.3 12.4 24.5 37.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.1 12.3 12.1 12.3 12.1 12.3 12.1 12.3 12.1 12.3 12.1 12.3 12.1 12.3 12.1 12.3 12.1 12.3 12.3	97 TO 101											
1.6 5.4 17.9 24.6 37.1 11.2 3.1 1.1 2 3.1 1.2 3.1 1.2 3.1 1.2 3.1 1.2 3.1 1.2 3.1 1.2 3.1 1.2 3.1 1.2 3.1 1.2 3.1 1.2 3.2 1.2 3.2 1.2 3.2 1.2 3.2 1.2 3.2 1.2 3.2 1.2 3.2 1.2 3.2 1.2 3.2 3.3 33.3 3	1.6 15.4 11.6 24.8 37.1 11.2 3.1 11.6 2 10.2 11.1 15.8 10.2 12.2 24.8 37.1 11.6 2 10.2 11.1 15.8 10.2 11.1 15.8 10.2 11.1 15.8 10.2 11.1 15.8 11.1	92 10 96											
1.6 5.4 17.9 24.6 37.1 11.2 3.1 1.5 24.19 5 1.1 1.5 2.2 11.0 2.2 12.0 13.0 13.0 2.2 10.5 3.1 1.5 2.2 10.5 2.2 1	1.6 15.4 43.5 50.7 4.5 3.1 1.6 15.1 15.2 3.1 11.	16 01 78											
6. 5. 4. 1. 1. 6. 6. 1. 1. 6. 6. 1. 1. 6. 6. 1. 1. 6. 6. 1. 1. 6. 6. 1. 1. 6. 6. 1. 1. 6. 6. 1. 1. 6. 6. 1. 6. 6. 1. 6. 6. 1. 6. 6. 1. 6. 6. 1. 6. 6. 1. 6. 6. 1. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	1.6 15.4 17.9 24.5 37.1 11.2 3.1 1.1 5 1.0 15.1 25.3 10.8 15.1 11.2 3.1 11	82 70 86											
1.6 16.1 26.3 11.2 3.1 11.6 3.1 1.0.5 11.1 1.2 224 12.2 12.2 12.2 12.2 12.2 1	1.6 1.6. 1.6. 37. 1.6. 3. 1.6. 2.6. 1.6. 2.6. 1.6. 3. 1.6. 2.6. 1.	77 10 81											
1.6 5.4 17.9 24.6 37.1 11.2 3.1 1.2 224 19.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	33.3 33.3 33.3 33.4 11.6 2 4.6 3.7 11.6 2 4.6 3.7 11.6 2 4.6 3.7 11.6 2 4.6 3.7 11.6 2 6.8 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	72 TO 76											
1.6 43.5 50.7 4.3 3.1 11.2 3.1 11.2 3.1 11.2 2.4 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5	1.6 5.4 17.9 24.6 37.1 11.2 3.	67 TO 71											
1.6 5.4 17.9 24.6 37.1 11.2 3.1 1.1 25.2 10.8 10.5 10.8 10.8 10.8 10.8 10.8 10.8 10.8 10.8	1.6 15.1 25.3 10.8 15.1 11.2 3.1 11.2 50.7 4.3 37.1 11.2 3.1 11.2 50.0 24.0 27.1 11.2 3.1 11.2 50.0 25.2 10.2 25.1 11.2 50.0 25.1 10.3 3.4 1.7 1.7 5.9 15.9 15.9 15.9 15.9 15.9 15.9 15.9	62 TO 66											
1.6 5.4 17.9 24.6 37.1 11.2 3.1 1.0 5 24 19 10.5 11.0 10.5 10.5 10.1 26.3 10.6 10.5 10.5 10.1 10.5 224 19 22 25.3 25.3 25.3 25.3 25.3 25.3 25.3 2	1.6 15.1 15.5 10.8 15.1 11.2 3.1 1.0 5 1.0 1 10.5 10.5 10.5 10.5 10.5	57 TO 61											
1.6 1.4 43.5 30.7 4.3 3.1 1.2 3.1 1.2 2.4 1.2 3.1 1.2 2.4 1.2 2.4 1.2 3.1 1.2 2.4 1.2 2.4 1.2 2.4 1.2 2.4 1.2 2.4 1.2 2.4 1.4 2.4 1.4 1.4 2.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	1.6 43.5 50.7 4.3  1.6 15.4 17.9 24.6 37.1 11.2  1.8 15.1 25.3 15.8 15.1 15.8 15.1 15.9  5.3 25.0 25.9 5.8 5.6 2.2 10.2 5.8  50.0 24.1 10.3 3.4 1.7 1.7 5.9 15.9  33.3 33.3 33.3 33.3 17.9 12.9 9.0 11.9	52 TO 56											
1.6 16.1 26.3 10.8 16.1 10.5 11.2 3.1 11.2 3.1 11.2 3.1 11.2 3.2 10.2 11.2 11.2 3.2 10.2 11.2 11.2 11.2 11.2 11.2 11.2 11	1.6 10.1 10.8 10.1 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10.1 10.0 10	47 10 51			4			4 3				OV	
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93. 3 35. 3	33.3 33.3 33.3 3.4 1.7 1.6.9 14.6 3.1 1.2 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	37 TO 41			28.3	8 4		200	10.01	1.1			
9.5 48.9 13.8 3.4 1.7 1.7 1.8 2.6 2.2 10.2 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2	9.5 46.9 13.8 5.8 5.6 2.2 10.2 5.8 5.6 5.6 5.6 10.2 5.8 5.6 5.6 5.6 10.2 5.8 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6	32 10 36		1	20.00			10	4	100			
33.3 33.4 1.7 1.7 5.9 1.7 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	99.0 24.1 10.3 3.4 1.1 1.1 2.2 2.2 2.3 3.4 1.1 2.2 2.2 2.3 3.4 1.1 2.2 2.2 2.3 3.4 1.1 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2	27 TO 31	6		0.00			1.1	10.2		1		12
33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.	33.3 33.3 33.3 33.3 33.3 33.3 33.3 33.	22 10 26	50.0		10.3	3.4	1	-	0			35	•
24 25 26 26 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28		12 02 71	33.3		33.3							0	
2 10 6  -3 10 1  -8 10-4  -13 10-9  -18 10-14  -23 10-29  -38 10-34  -43 10-49  -53 10-49  -53 10-49		7 10 11											
-3 TO 1 -8 TO-4 -13 TO -9 -18 TO-14 -23 TO-24 -33 TO-29 -38 TO-39 -43 TO-44 -53 TO-44 -53 TO-44 -53 TO-49	6.51 9.61 5.61	2 70 6											
-8 TO-4  -13 TO-9  -18 TO-14  -23 TO-29  -33 TO-29  -43 TO-34  -43 TO-44  -53 TO-49	6.51 9.61 3.61	-3 70 1											
-13 TO -9 -18 10-14 -23 10-24 -33 TO -29 -33 TO -39 -43 TO -49 -53 TO -49 -53 TO -49	6.61 0.61 0.61 0.61	-8 70-4											
-18 TO-14 -23 TO-19 -28 10-24 -33 TO-29 -48 TO-39 -48 TO-49 -53 TO-49 -58 TO-54	6.61 0.61 0.61 0.61	-13 TO -9											
-23 10-19 -38 10-24 -38 10-34 -48 10-44 -53 10-49 -58 10-54	6.0 19.2 19.6 13.5	-18 TO-14											
-28 TO-24 -33 TO-29 -35 TO-34 -43 TO-39 -45 TO-44 -55 TO-54	5. 0.1 0.6 13.5	-23 TO-19											
-33 10-29 -38 10-34 -43 10-39 -48 10-44 -53 10-49	6.0 19.2 19.6 13.5	-28 TO-24											
-38 10-34 -43 10-39 -45 10-44 -53 10-49	5.0 19.2 19.6 13.5	-33 10-29											
-48 10-49 -53 10-49 -58 10-54	5.0 19.2 19.6 13.5	-38 10-34											
-48 10-44 -53 10-49 -58 10-54	5.0 19.2 19.6 13.5 17.9 12.9	-43 TO-39											
-53 TO-49 -58 TO-54	6.0 19.2 19.6 13.5 17.9 12.9 9.0 1.0	-48 TO-44											
-58 TO-54	6.0 19.2 19.6 13.3 17.9 12.9 9.0 1.0	-53 TO -49											
	8.0 19.2 19.6 13.5 17.9 12.9 9.0 1.9	-58 TO-54											

NAVWEASERVCOM

MIND DIRECTION  NAM	KEFLAVIK	1	ICELAND			7	JAN 1973		11011			MARCH
ANN NAE ENE SIS SIS NAW OAM CALM FRED. D. S. S. S. S. S. S. S. S. S. S. S. S. S.			NACTATION	E S		WIND DIRE	CTION	т <b>ч</b>			200	
1.8 5.9 27.1 100.0 1.8 5.9 27.1 24.2 25.3 19.4 10.4 14.1 14.7 12.7 13.3 10.7 492 1.9 347 2 22.3 35.9 36.8 18.9 37 2.9 10.9 10.9 10.9 10.9 10.9 10.9 10.9 10	TEMP.	NNN W	N N N N N N N N N N N N N N N N N N N	w w	ESE	SSE	ws s	wsw w &	× × ×	CALM	TOTAL FREG.	% OF TOTAL
3.0 1.8 5.9 27.1 55.3 9.4 10.0 11.0 11.0 11.0 11.0 11.0 11.0 11	133+	2 6	8	5	9.26	3						
3.0 1.8 5.9 27.1 55.3 9.4 7.7 9.5 170 1 170 1 16.6 17.1 2.1 26.2 26.3 19.4 7.7 9.5 15.9 16.5 170 1 15.7 12.1 26.2 26.5 16.2 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	17.10171											
3.0 1.6 5.9 27.1 100.0 1 1.6 1170 1 1.6 1170 1 1.6 1170 1 1.6 1 1.7 12.1 26.2 14.2 17.7 4.2 14.2 14.2 14.3 17.7 12.1 14.7 12.7 12.7 12.7 12.7 12.7 12.7 12.7 12	112 TO 116											
1.8 5.9 27.1 100.0 1 1.8 17.7 12.2 15.3 10.7 4.2 17.0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	111 07 701											
10.6 1.6 5.9 27.1 55.3 9.4 7.7 4.6 170 170 170 17.1 2.1 26.2 25.3 15.9 3.7 1.3 15.7 1 1.3 1 1.3	201.010											
100.0 1.6 5.9 27.1 55.3 9.4 7.7 9.0 10.4 14.1 12.1 24.2 26.5 14.2 7.7 9.0 10.4 14.1 14.7 17.9 13.3 10.7 9.0 1.4 347 22.3 35.9 5.8 6.8 6.8 6.8 5.4 5.7 17.9 10.3 15.9 5.7 1.3 15.9 5.8 6.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5	97 77 101											
3.0 1.6 5.9 27.1 55.3 9.4 7.7 9.0 170 1 10.0 14.1 14.7 12.7 17.9 13.3 10.7 9.9 1.4 347 2 15.4 14.2 5.9 5.8 6.8 4.9 5.8 6.8 7.8 2.9 103 15 2 52.3 35.9 5.8 6.8 4.9 5.8 6.8 7.8 2.9 103 15 2 60.0 20.0 3.7 3.7 2.7 2.7 3.7 2.7 3.7 2.7 2.7 3.7 2.7 2.7 2.7 3.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2	95 TO 96											
1.8 5.9 27.1 55.3 9.4 1.6 1.0 1.1 1.8 5.9 27.1 55.3 14.2 17.7 4.2 1.3 10.7 4.9 1.4 1.4 14.7 12.7 17.9 13.3 10.7 4.9 1.4 1.4 1.4 14.7 12.7 17.9 13.3 10.9 4.9 1.4 1.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	87 10 91											
1.8 5.9 27.1 55.3 19.7 49.5 1.7 12.1 17.7 12.1 24.2 25.3 14.2 7.7 49.5 1.4 34.7 2 13.3 10.7 49.5 1.4 34.7 2 13.3 10.7 49.5 1.4 34.7 2 13.3 10.7 49.5 1.4 34.7 2 13.3 10.7 49.5 1.4 34.7 2 13.3 10.7 49.5 1.4 34.7 2 13.3 10.7 49.5 10.3 13.3 13.4 3.7 2.9 10.3 13.4 3.7 2.9 10.3 13.4 3.7 2.9 10.3 13.4 3.7 2.9 10.3 13.4 3.7 2.9 10.3 13.4 13.4 13.4 13.4 13.4 13.4 13.4 13	201 20											
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10.6 14.1 16.7 12.1 26.3 9.4 7.7 4.6 17.1 12.1 26.2 16.2 16.2 17.7 12.1 16.7 17.9 13.3 10.7 4.9 1.9 17.1 13.1 16.7 17.9 13.3 10.7 4.9 1.9 17.1 13.3 10.7 4.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	77 TO 81											
10.0 1.0 5.9 27.1 55.3 9.4 7.7 4.6 17.1 12.1 24.2 26.3 14.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	72 TO 76											
1.8 5.9 27.1 100.0 10.4 17.2 12.1 24.2 26.5 14.2 7.7 4.2 15.9 10.3 10.4 15.0 17.0 13.3 10.7 4.2 15.9 3.7 1.4 15.9 15.9 3.7 1.4 15.9 15.9 3.7 1.4 15.9 15.9 10.3 15.7 17.8 15.9 10.3 15.7 17.8 15.9 10.3 15.7 17.8 15.9 10.3 15.9	67 TO 71											
10.6 16.1 16.7 12.1 24.2 26.5 16.2 16.2 16.2 16.2 16.4 16.1 16.7 12.1 12.7 17.9 13.3 10.7 4.9 1.6 14.0 15.9 17.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1	62 TO 66											
100.0 1.8 5.9 27.1 26.2 26.3 9.4 7.7 4.6 100.1 14.7 12.1 26.2 26.3 15.9 10.7 4.9 11.0 1170 11.0 11.0 11.0 11.0 11.0 11.0	19 01 78											
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JAN 1973 - DEC 1977 WIND DIRECTION

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VS. WIND DIRECTION

JAN 1973 - DEC 1977

KEFLAVIK, ICELAND

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10.3 16.2 13.3 22.5 5.0 5.0 5.4 3.5 10.0 10.3 15.5 17.2 22.5 2.1 5.0 10.3 15.5 17.2 22.5 2.1 5.0 10.3 15.5 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3	117 TO 121											
10.3 16.2 13.3 26.3 26.0 8.3 3.0 10.3 16.2 16.2 13.3 16.3 26.0 2.4 3.6 16.3 16.3 16.3 16.3 16.3 16.3 16.3												
10.3 16.2 13.5 16.0 21.1 5.4 9.1 2.2 17 13.1 16.2 16.2 16.0 2.4 9.1 2.2 17 18.1 16.2 16.2 16.0 2.4 17.1 18.2 17.1 18.2 17.1 18.2 17.1 18.2 17.1 18.2 17.1 18.2 17.1 18.2 17.1 18.2 17.1 18.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17	112 10 116											
10.9 8.0 22.6 35.3 8.3 50.0 8.3 1.5 474 38 15.4 16.2 15.4 17.5 15.	111 07 701											
10.9 8.3 50.0 8.3 12. 11. 12. 3.7 6.2	102 TO 106											
10.3 16.2 13.5 16.0 21.1 6.4 9.1 3.5 474 38 10.3 16.2 13.5 16.0 21.1 6.4 9.1 3.1 474 38 15.5 16.0 21.1 6.4 9.1 3.1 474 38 15.5 16.0 21.1 6.4 9.1 3.1 474 38 15.5 16.0 21.1 8.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16	101 01 76											
10.3 16.2 13.3 8.3 50.0 8.3 16.2 17.3 17.3 18.3 50.0 8.3 16.2 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3	92 10 96											
10.3 10.2 13.3 8.3 50.0 8.3 10.0 10.3 10.3 10.3 10.3 10.3 10.3 10	16 07 78											
15.8 15.4 22.6 23.3 8.3 50.0 8.3 15.1 17.3 15.5 15.5 25.2 5.6 2.4 5.8 15.4 25.1 17.3 17.4 14.5 5.9 5.1 5.9 5.1 5.0 15.4 14.5 5.9 5.1 5.0 15.4 14.5 5.0 5.0 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	82 TO 86											
10.9 8.3 50.0 8.3 10.2 10.2 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	18 07 77											
1 1 21 2 22.0 8.3 20.0 8.3 21 21 21 21 22.2 2.4 20.1 22.2 2.4 20.1 22.2 2.4 20.1 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	72 TO 76											
10.3 16.2 13.3 8.3 50.0 8.3 1.5 17 12 17 19.8 15.4 20.1 5.4 5.1 5.4 6.0 2.4 5.1 5.4 474 38 15.4 16.2 13.3 15.2 17.3 7.4 16.5 5.0 6.0 2.4 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 6.4 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	17 OT 78											
15.8 15.4 22.6 33.3 8.3 50.0 8.3 12 17 17 18.6 19.8 19.8 19.8 19.8 17.3 7.4 1.2 3.7 5.2 3.7 5.8 3.0 33.3 11.1 33.3 22.2 2.5 0.9 8.3 7.6 1.2 3.7 5.2 3.7 5.1 5.1 5.2 17.3 7.4 1.2 3.7 5.2 3.7 5.2 3.7 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	62 TO 66											
39.3 8.3 50.0 8.3 12. 1 10. 1	19 01 25											
10.3 15.2 13.3 22.2 5.6 2.4 3.8 1.5 474 38 315.8 15.4 12.3 7.6 1.2 3.7 5.2 3.1 448 35 33.3 11.1 33.3 22.2 2 25.0 25.0 4 33.3 11.1 33.3 25.0 25.0 4 33.3 11.1 33.3 25.0 4 33.3 11.1 33.3 25.0 4 33.3 11.1 33.3 25.0 5.0 6.0 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	52 TO 56				33.3	6.3	20.0	8.3			12	1.0
10.3 16.2 13.5 16.0 21.1 5.4 9.1 5.4 15.2 15.4 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.5	47 TO 51		80	22.6	37.3	25.2	0.0	204		•	212	17.1
33.3 1.6 1.6 1.6 2.0 4.6 2.0 4.6 3.1 3.2 3.6 4.6 3.0 3.0 4.6 3.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	42 70 46	10.3	10.2	13.5	16.0	1.12		1.6	0	1.03	5/6	2.06
33.3 11.1 33.3 22.2 25.0 3.7 3.7 3.8 3.7 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	37 TO 41	15.8	13.4	1.02	0.0	14.3	0.0	6.5	£ 10	3.1	000	30.1
39.5 11.1 33.5 22.6 23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	32 10 36	30.9	6.6	19.8	17.3	4.4	7.5	3.7	210	3.1	10	6.9
20°06	27 TO 31	33.3	1101	33.3	25.2						6	
	22 TO 26		20.0		25.0		25.0				•	6.
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1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	12 TO 16											
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	-13 TO -9											
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	-23 TO-19											
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	-33 TO-29											
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NAW   NAW   SEE   SEE   SEW   NAW   NAW   SEW						WIND DIR	ECTION					
3.6 10.2 6.1 30.4 89.7 6.9 6.1 10.2 1.7 12.2 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	TEMP.	NN N N	NNE NE NE	S S	ESE & SE	\$\$E \$6.5	8 SW	wsw & w	www.	CALM	TOTAL FREQ.	% 5
3.8 16.6 13.4 89.7 6.9 6.1 2.5 2.6 1.7 2.8 10.2 6.1 30.6 34.7 12.2 6.1 30.6 34.7 12.5 6.1 30.6 34.7 12.5 6.2 1.0 3.4 89.7 6.9 6.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	122+											
3.5 10.2 6.1 30.6 36.7 6.9 6.1 2.2 10.2 6.1 30.6 36.7 12.2 6.1 1.7 2.4 10.6 12.5 2.6 11.7 2.4 10.6 12.5 2.6 11.7 2.4 10.6 12.5 11.7 2.4 10.6 12.5 11.7 2.4 11.1 12.5 11.2 6.3 1.0 2.4 11.6 11.1 12.5 6.3 1.0 2.4 11.6 11.6 11.6 11.6 11.6 11.6 11.6 11	117 10121											
3.6 89.7 6.9 5.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	112 TO 116											
3.6 89.7 6.9 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.1 10.2 6.2 10.2	111 07 701											
3.6 10.2 6.1 30.5 34.7 12.2 6.1 10.2 10.2 10.5 12.5 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3	102 TO 106											
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3.6 10.2 6.1 30.6 34.7 12.5 2.0 1.7 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	92 TO 96											
3.8 10.2 0.1 30.6 34.7 12.2 0.1 1.7 3.6 19.6 13.4 13.4 13.4 13.5 12.5 12.5 12.5 13.5 13.5 13.5 13.5 13.5 13.5 13.5 13	87 10 91											
3.6 10.2 6.1 3.4 89.7 6.9 12.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2	82 TO 86											
3.8 16.2 6.1 3.4 89.7 6.9 6.1 12.5 1.7 14.7 15.6 15.5 15.7 14.7 15.6 15.6 15.5 15.7 14.7 15.6 15.6 15.6 15.6 15.6 15.6 15.6 15.6	18 07 77											
3.6 10.2 6.1 30.6 34.7 12.2 5.1 14.2 15.6 12.5 2.6 1.7 14.2 15.6 12.5 2.6 1.0 2.0 2.0 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	72 70 76											
3.8 10.2 6.1 30.6 34.7 12.2 6.1 1.7 147 15.6 15.0 12.5 29 19.4 24.8 11.1 12.5 17.3 0.0 5.4 0.0 5.4 0.0 11.2 11.2 17.3 0.0 5.4	17 07 79											
3.4 89.7 6.9 6.1 10.2 6.1 10.2 6.1 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 12.2 6.1 13.4 13.4 13.4 13.4 13.4 13.4 13.4 13	62 70 66											
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3.6 89.7 6.9 6.1 30.6 34.7 12.2 6.1 12.5 1.0 12.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	52 70 56											
3.8 10.2 6.1 30.6 34.7 12.2 6.1 1.7 7.4 15.4 15.6 12.5 2.0 1.7 7.4 15.4 15.6 12.5 2.0 1.7 7.4 15.4 15.6 12.5 2.0 1.7 7.4 15.6 12.5 17.3 1.0 7.4 1.0 7.	10 51				3.4	89.7					29	
3.8 10.6 13.4 17.4 15.4 10.6 12.5 2.0 1.7 2.9 19.4 24.8 8.1 12.5 17.3 0.0 5.4 0.0 0.0 35.4 62.0 35.4 62.0 31.3 12.5 17.3 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	42 TO 46		10.2	6.1	30.0			6.1			141	
19.6 24.8 8.1 12.5 17.3 6.0 5.4 6.0 3.4 6.0 3.4 6.0 3.4 6.0 3.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	37 10 41	3.00	10.6	13.6	17.4			15.5	9.7	1.1	100	
45.0 18.0 11.2 6.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	32 70 36	19.4	24.8	00		17.3		3.4	0.0	9.	335	2
11.1 48.1 11.1 18.5 7.4 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9 .9	27 10 31	45.6	18.9	15.0		6.3			0.1	-	502	-
	22 TO 26	45.0	31.3	12.5	6.9	6.9		•			711	
	17 10 21	11.1	48.1	11.1	18.5	1.4				307	17	
	12 TO 16											
	7 10 11											
	2 70 6											
	-3 TO 1											
	-8 10-4											
	-13 TO -9											
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	-23 10-19											
	-28 10-24											
	-33 10-29											
	-38 10-34											
	-43 70-39											
	-48 70-44											
	-53 10-49											
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE	vs.
PERCENTAGE FREQUE	

	EC 1977
	DEC
NOI	1973 -
IND DIRECTION	Z
NIM	ICELAND
	KEFLAVIK

ALL

DECEMBER

1221-1   1210-121    TEMP.	NNN N	NNE NE	S E	ESE & SE	\$\$E & S	SSW & SW	wsw 8 w	www www	CALM	TOTAL FREQ.	% OF TOTAL	
10.5 1.0 50.0 50.0 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	122+											
100 100 100 100 100 100 100 100 100 100	117 TO 121											
10.5 11.9 47.4 11.3 18.6 11.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	112 TO 116											
10.5 1.0 6.1 18.4 13.3 18.9 38.8 190 1.0 10.5 14.8 9.3 17.5 2.0 25.1 8.9 2.5 282 2.5 15.5 30.6 30.6 34.8 15.5 2.5 2.0 15.5 30.6 2.5 25.2 2.0 15.0 15.0 2.3 18.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5 2	107 70111											
10.5 14.6 9.3 11.3 14.0 11.3 14.0 11.3 14.0 11.3 14.0 11.3 14.5 14.6 15.3 14.9 15.0 15.0 14.8 9.3 14.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15	102 TO 106											
10.5 1.0 6.1 18.4 11.3 18.5 11.3 19.0 13.3 19.0 13.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 18.5 11.3 11.3 11.3 11.3 11.3 11.3 11.3 11	101 07 76											
11.3 47.4 11.3 18.6 11.3 19.0 1.0 10.0 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 12.1 19.0 19.0 19.0 18.5 12.5 22.1 18.5 2.5 12.1 12.1 8.9 2.5 26.2 2.1 18.5 2.2 12.1 2.3 2.2 13.0 2.6 2.5 22.2 2.0 12.0 12.0 12.0 98 18.5 12.2 2.0 2.0 12.0 12.0 12.0 12.0 12.0 1	92 10 96											
10.6 14.8 47.4 11.3 18.6 11.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	16 01 78											
10.6 11.3 47.4 11.3 18.6 11.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	82 TO 86											
10.6 14.8 47.4 11.3 18.6 11.3 19.8 1.0 11.3 47.4 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 12.1 16.5 27.2 21.0 25.1 2.3 21.2 2.5 25.2 25.1 2.3 25.2 25.2 25.1 2.3 25.2 25.2 25.3 15.6 25.3 12.2 25.3 15.6 25.4 25.5 25.2 25.3 15.6 25.4 25.5 25.5 25.5 25.5 25.5 25.5 25.5	18 07 77											
10.5 1.0 5.1 18.4 18.5 18.9 38.8 190 190 190 190 190 190 190 190 190 190	72 TO 76											
10.5 1.0 0.1 18.6 11.3 18.6 11.3 19.0 10.0 10.0 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 11.3 18.6 12.3 18.6 12.1 18.6 12.3 18.6 12.1 18.6 12.3 18.6 12.1 18.	67 TO 71											
10.5 1.0 6.1 18.4 15.3 18.9 38.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	62 TO 66											
10.6 14.8 9.3 18.6 11.3 18.9 14.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19	57 TO 61											
10.5 1.0 0.1 18.4 15.3 18.9 38.8 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	52 TO 56											
10.5 14.8 9.3 18.9 11.3 18.6 11.3 18.6 11.3 18.9 11.0 1.0 1.0 10.0 11.3 18.9 38.8 14.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	47 TO S1					20.0	20.0				7	• 2
10.5 14.8 9.3 18.4 15.3 18.9 38.8 190 10.5 14.8 9.3 8.7 12.5 9.0 25.1 14.5 2.5 15.5 2.0 25.1 8.9 2.5 15.5 2.0 25.1 8.9 2.5 25.5 25.0 25.1 8.0 190 15.6 52.9 22.1 8.5 5.1 2.2 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	42 TO 46			11.3	4. 4	11.3	18.0	11.3			16	
10.5 14.8 9.3 8.7 12.5 9.0 25.1 14.5 14.8 17.0 10.3 4.6 2.8 12.1 8.9 2.5 15.2 2.0 15.2 15.3 12.2 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	37 TO 41	6.		0.1	18.	15.3	18.	38.8	200		190	
16.6 32.9 22.1 6.5 2.0 12.1 2.3 26.5 26.1 2.3 26.5 40.6 15.3 12.2 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	32 70 36	10.6		6.6	8.1	12.5	0.0	1987	*		311	
15.6 52.9 22.1 6.5 6.1 .0 5.2 0:1 2.3 25.5 40.6 15.0 15.0 15.0 15.0 15.0 15.0 15.0 15.0	27 10 31	14.5		17.0	10.3	0.4	5.0	15.1	6.0		292	
26.5 40.6 15.3 12.2 2.0 1.0 1.0 1.0 15.0 15.0 15.0 15.0 22.0 22.2 2.0 25.0 25.0 25.0 25.0 25	22 TO 26	16.4		22.1	6.0	0.1		2.5	lio		213	-
19.0 30.4 21.7 5.0 50.7 5.0 22.2	17 10 21	5992	40.8	15.3	12.2	2.0		1.0	100		86	
2.22 9.6	12 TO 16	13.0	30.4	34.8	21.07						23	-
	7 10 11	2.0	000	9.6	25.2						18	-
	2 70 6											
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	-18 TO-14											
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	-59 & LWR						1					

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PERCENTAGE FRIQUENCY OF AIR TEMPERATURE	
AIR	
OF	
FREQUENCY	VS.
PERCENTAGE	

IND DIRECTION

KEFLAVIK, ICELAND

16201 STATION

JAN 1973 - DEC 1977

ALL

ALL

100

WIND DIRECTION

100			
YEARS			
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YEARS	
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TEMP.	S Z Z	N NE	S S	ESE & SE	SSE SAS	SSW S SW	wsw 8 w	wnw wnw	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
101 07 76											
92 10 96											
16 01 78											
82 TO 86											
18 07 77											
72 TO 76											
17 07 78			20.0					20.0		2	0.
62 TO 66	50.0		50.0							~	0.
19 01 75	12.8	12.8	10.6	14.9	17.0	.0	14.9	4.0	4.3	4	*
52 TO 56	14.6	12.4	0.6	2002	20.1	1.	9.9	200	1.4	286	0.0
15 01 75	8.4	6.6	8.1	20.0	24.8	14.3	8.0	0.3	1.5	3129	21.4
42 70 46	10.0	10.0		16.0	24.7	12.9	10.0	2.3	2.0	2262	20.0
37 TO 41	10.8	12.3	13.4	14.5	18.7	12.2	11.5	106	1.0	2750	18.9
32 TO 36	13.1	18.1	15.5	10.4	14.9	10.0	11.6	6:4	1.4	0422	13.3
27 TO 31	19.1	24.5	17,2	63	3.0	7.8	10.8	5.3	1.3	1408	9.6
22 70 26	23.0	36.8	14.8	6.8	3.6	0.1	0	0.6	1.0	659	5.6
17 10 21	30.0	40.1	E . 9 1	00	2.0		5.5	1.0	1.3	307	7.7
12 70 16	14.3	37.1	31.4	17.1						33	2.
7 TO 11	9.6	66.7	5.6	25.2						23	
2 70 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 10-29											
-38 TO-34											
-43 10-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR							•			****	
TOTALS	12.6	12.0	12.0	0 . 4	9	10.4	2.6	*	1.0	10041	0.001 100+1

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#### PART F

### PRESSURE SUMMARY

for all hours combined. All years of data available are combined in both of these tables, although the overall of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding Presented in this part are two tables giving the means, standard deviations, and total number of observations to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure Meteorological Tables.

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1	20 (IM. NG.) 21 22 23 24 25 30 31 (IM.NG.) (MB) 700 750 800 850 900 950	E-

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

16201	2	ALTERATAS	1001	2			13.61	,						
STATION			STA	STATION NAME						YEARS				
HRS.(L.S.T.)	13	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	29.16029	29.30429	.38	9.73	9.7422		19.6	9.606	34	4	02	-	
00	S. D.	. 533		489	.353	.335	258	. 235		.369	414.	.437		.41
	TOTAL OBS			15	1	10	15	15	15	15	5	50	15	2
	MEAN	29.15729.29329	29.2932	.38	9.72	9.7342	0	9.61	9.596	25	30	395	0	0
03	S. D.	534	.401	484	348	. 335	260	. 233	249	.370	-	4		.41
,	TOTAL OBS	154		15	15	13	-	15	15	13	15	100	3	
	MEAN	29.15129.28029	29.2802	.38	9.72	9.7302	50	9.61	9.586	521	26	06	9	20
90	S. D.	.530	904.	.480	. 348	.334	.261	.235	. 253	.362	.422	.439	.430	. 42
,	TOTAL OBS			15	2	15	5	15	15	15	15	15	15	
	MEAN	29.15629.28629	29.2862	.39	9.72	9.7352	09	9.61	9.595	32	37	95	40	0
60	S. D.	. 529	.412	.478	.349	.333	259	.236	.252	.358	.422	.435	.425	
	TOTAL OBS	154		15	2	5	5	15	13	13	2	2	15	N
	MEAN	29.16229.29029	29.2902	04.	4.4	9.7372	9	9.61	9.598	20	45	02	-	
12	S. D.	. 530	.418	.470	.34	331	-0	.237	.2	.359	.421	664.	4	3
	TOTAL OBS	154			-	5	5	15	5	15	15	5	2	
1	MEAN	29,15329,28329	29.2832		9.72	9.7352	9	9.61	9.596	533	36	393	0	
15	S. D.	.531	.420	478		.334	.254	. 236	.252	.359		.435	614.	.41
	TOTAL OBS			-	15	5	15	2	2	15	-	-	13	~
	MEAN	29.15229.28329	29.283	.38	9.72	9.7282	00	9.61	9.589	532	30	396	0	4
19	S. D.	-	.412	485		335	. 255	. 236	.255	.359	.420	. 435	.411	4.
	TOTAL OBS	_		100	2	2	2	5	LEN.	2	-	2	5	00
	MEAN	29.16329.29929	29.59	.38	8.73	9.73	90	9.61	9.597	543	2	405	4	29.49
21	S. D.	. 527	.410	164.	.359	34	255	.234	.254	.360		F84.	604.	•
	TOTAL OBS			15	2	15	15	5	15	2	2	-	15	
NI V	MEAN	29.15729.29029	29.2905	.38	2.0	9.7342	0	9.61	9.595	60	3	397	0	
HOURS	S. D.	-	.408	. 480	.356	333	. 257		251		.419	.436	.417	
	TOTAL OBS		- 1	124	N	3	2	4	3	0	3	20	24	

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SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

-			The second secon			-	-		-				1	
STATION			s	STATION NAME						YEARS				
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	9.966	999.0100	60	013.7	9.610	9.60	7.60	05.2	8.900	-	4.200	005.	.50
00	S. D.	17.96413.45716.	13,457	638	33	11.421	8 817	8.025	8.400	574	4.098	4.909	18	
	TOTAL OBS	153	141	155	150	15	15	5	155	150	15	C	7	182
	MFAN	000	2 800		200	7 510	000	8 000		400	2.500		000	900
		0011-046-0-466	1 1000			. 0	. 4	. 4	. 0			. 4	• 4	0
03	TOTALOBS	10.202	13.000	100	100	4				150	155	150	+	
		128			V	Y	*	V	1					2
	MEAN	993.8	998.2100	1.6	013.2	013.5	0.60	4.60	08.5	6.900	1.600	00200	005.	600
90	S. D.	18.05813.85016.	13.850	359	11.884	11.365	8.889	7.874	8.617	12.371	14.389	14.984		50
	TOTAL OBS	154	141	15	15	5	153	10	55	15	-	5		N
	MEAN	66	998.4	2.2	013.4	13	6.600	09.60	0.80	7.900	003.5	002.2	005.	000
60	S. D.	18.01814.02316.	14.023	191	11.886	11.353	8.836	8.040	8.612	12.212	14.308	14.871	14.516	14.242
,	TOTAL OBS	154	141	155	150	15	15	-	155	150	155	150	15	182
	MEAN	0 000	000 6100		2.8	7 2 7	00	7 00	0	0.7.00	003.8	4.600	000	008
	SD	200	14 365		0	. 0	130	200	402	28.0	00	74	. 16	5
16	TOTAL OBS	154 141	141	155	150	4			155	150	155	150		
1	MEAN	993.9	998.3100	2.0	013.4	013.6	69.3		6.80	6.900	003.5	2.1	02	000
15	S. D.	18.11714.32516.	14.325	316	63	393	00	.065	8.567	62	.397	4.846	4.10	.27
	TOTAL OBS	154	141	155	15	15	15	12	155	150	155	150	15	182
	MEAN	993.8	4.866		013.3	013.4	5.60	4.60	7.80	0006.7	003.3	002.1	005.	000
18	S. D.	18.068	14.049	34	12.073	11.405	8.698	8.038	8.666	12.269	14.318	14.876	14.022	14.25
	TOTAL OBS	155 141 1	141	50	150	15	15	5	155	150	155	150	15	18
	MEAN	994.2	6.866	657	013.7	013.7	69.3	09.5	0.80	007.1	003.4	002.5	005.	.600
2.1	S. D.	17.976	13.968	2	2	76	8.705	7.977	8.666	67	80	~		14.27
	TOTAL OBS	155 141 1	141	3	150				155	150	155	150		-
1	MEAN	994.0 998.6100	968.6	2.0	013.5	013.6	6.60	1009.5	08.9	8.900	1003.4	1002.2	005.	. 600
HOURS	S. D.	18.010	13.911	420		11.347	003	8.001	8.555	2	14.278	14.875	14.222	14.25
	TOTAL OBS	1233	1128	240	1200	124	1200	124	240	1200	1240	120	24	146

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